LG

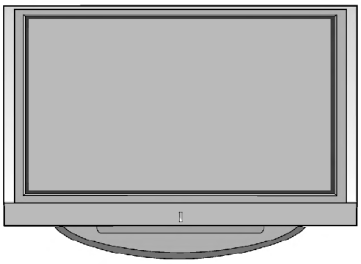
website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

PLASMA TV
SERVICE MANUAL

CHASSIS : PP62C

MODEL : 42PC1R
42PC1R-TH

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SCHEMATIC DIAGRAM..........

SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by it's Neck.

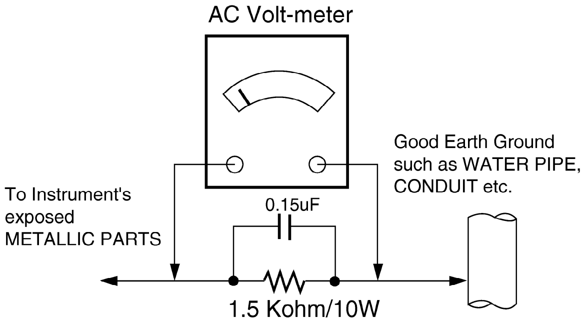
Leakage Current Cold Check(Antenna Cold Check)

With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.
Do not use a line Isolation Transformer during this check.
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



DESCRIPTION OF CONTROLS

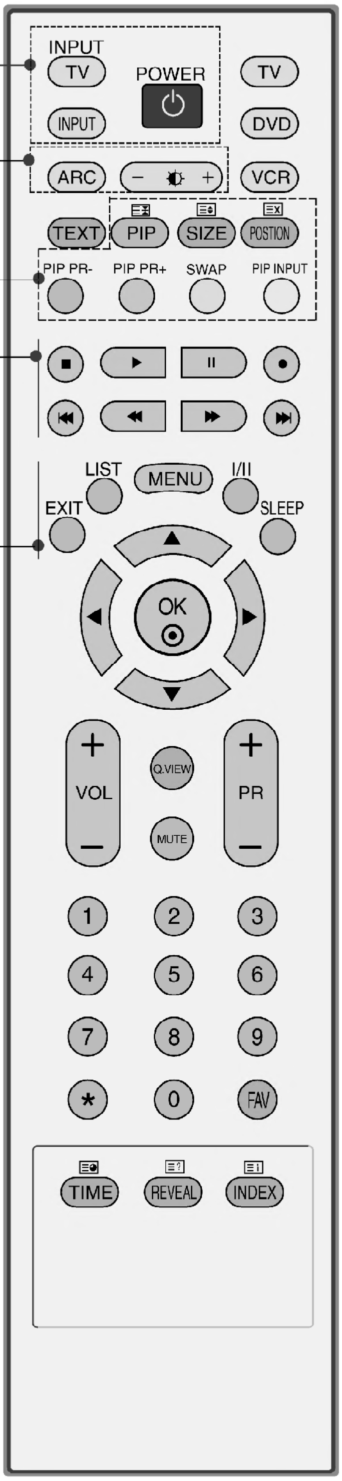
POWER	Switches the set on from standby or off to standby.
TV INPUT	Returns from **AV1**, **AV2**, **Component1**,**Component2**, **RGB**, **HDMI**/**DVI** to the TV mode. Switches the set on from standby.
INPUT	If you press the button once, the input source OSD will appear on screen. Press the ▲ / ▼ button and then **OK** button to select the desired input source (**TV**, **AV1**, **AV2**, **Component1**, **Component2**, **RGB**, **HDMI**/**DVI**).Switches the set on from standby.

ARC	Selects your desired picture format.
Brightness adjustment	Adjusts screen brightness. It returns to the default settings brightness by changing mode source.

PIP	Switches the sub picture PIP, DW, POP or off mode.
SIZE	Adjusts the sub picture size.
POSITION	Moves the sub picture.
PIP PR - /+	Selects a programme for the sub picture.
SWAP	Exchanges the main/sub images in PIP/Twin picture mode.
PIP INPUT	Selects the input source for the sub picture in PIP/Twin picture mode.
Coloured buttons	These buttons are used for teletext (only **TELE-TEXT** models) or **Programme edit**.

VCR/DVD control buttons	Controls some video cassette recorders or DVD players when you have already selected DVD or VCR mode button.

EXIT	Clears all on-screen displays and returns to TV viewing from any menu.
LIST	Displays the programme table.
MENU	Selects a menu.
I/II	Selects the sound output.
SLEEP	Sets the sleep timer.

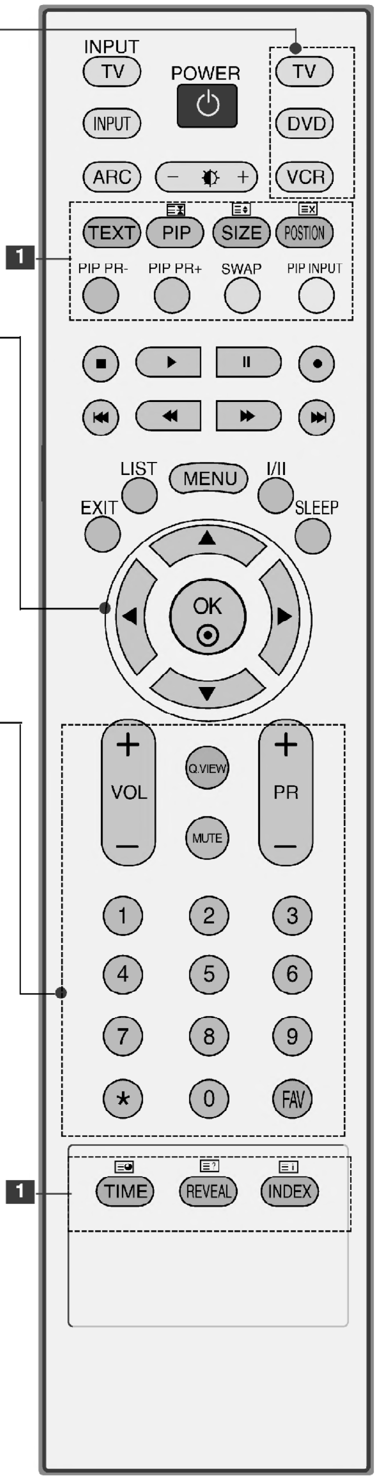

INPUT
TV
POWER
TV
INPUT
DVD
ARC
VCR
TEXT
PIP
SIZE
POSITION
PIP PR-
PIP PR+
SWAP
PIP INPUT
LIST
MENU
I/II
EXIT
SLEEP
OK
VOL
Q.VIEW
MUTE
PR
1
2
3
4
5
6
7
8
9
*
0
FAV
TIME
REVEAL
INDEX

MODE	Selects the remote operating modes.

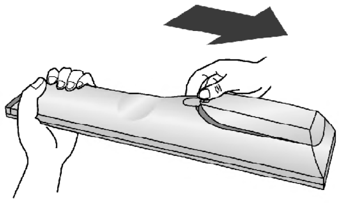
1 TELETEXT BUTTONS	These buttons are used for teletext. For further details, see the ‘Teletext’ section.

THUMBSTICK (Up/Down/Left Right)	Allows you to navigate the on-screen menus and adjust the system settings to your preference.
OK	Accepts your selection or displays the current mode.

VOLUME UP /DOWN	Adjusts the volume.
Q.VIEW	Returns to the previously viewed programme.
MUTE	Switches the sound on or off.
Programme UP/DOWN	Selects available programmes. Switches the set on from standby.
0~9 number button	Selects a programme. Selects numbered items in a menu. Switches the set on from standby.
FAV	Displays the selected favourite programme.
*	No function

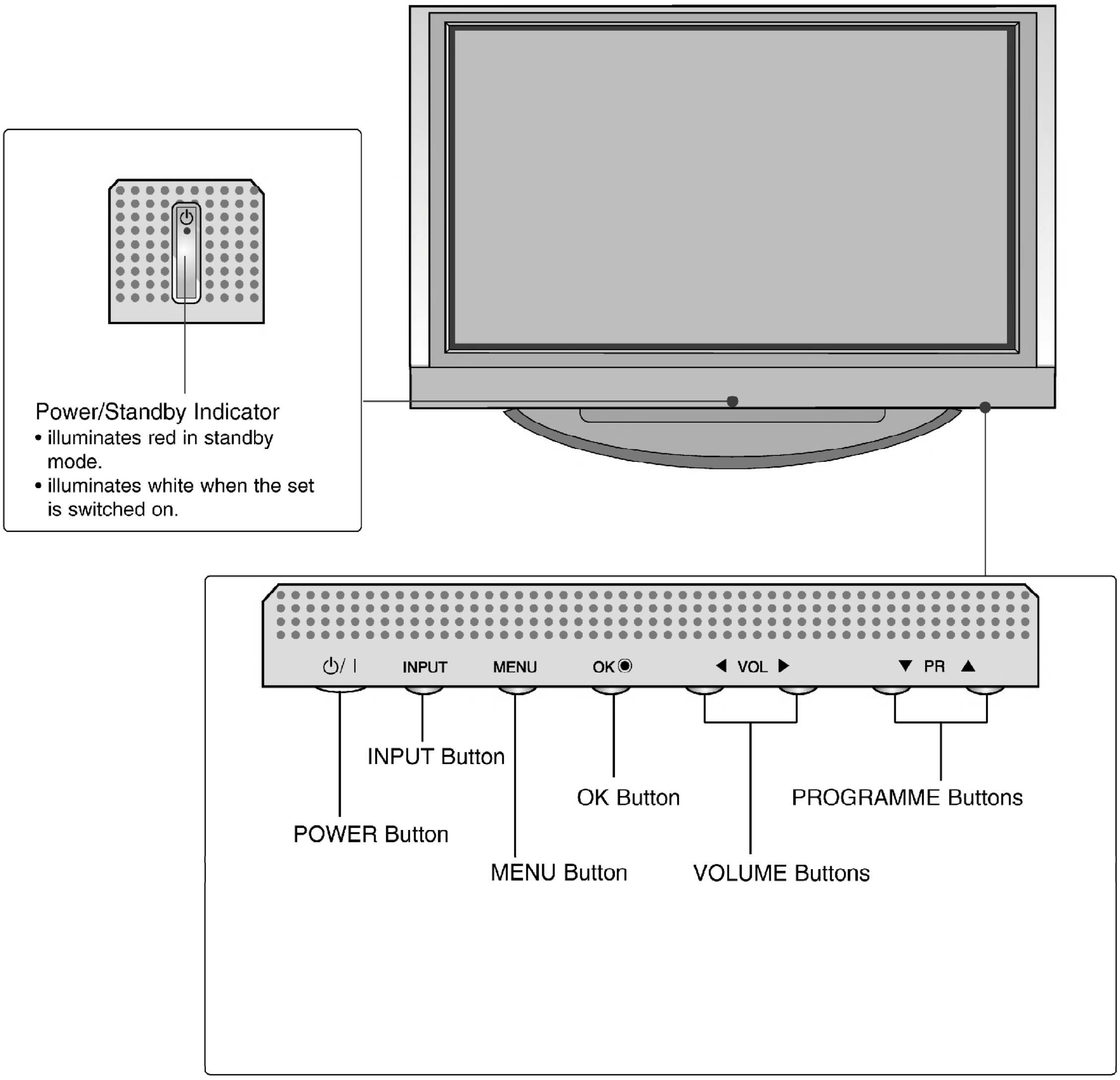

INPUT
TV
POWER
TV
INPUT
DVD
ARC
VCR
TEXT
PIP
SIZE
POSITION
1
PIP PR-
PIP PR+
SWAP
PIP INPUT
LIST
MENU
I/II
EXIT
SLEEP
OK
VOL
Q.VIEW
MUTE
PR
1
2
3
4
5
6
7
8
9
*
0
FAV
1
TIME
REVEAL
INDEX

INSTALLING BATTERIES



- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Install two 1.5V alkaline batteries of AA type. Don’t mix used batteries with new batteries.

Front Panel Controls

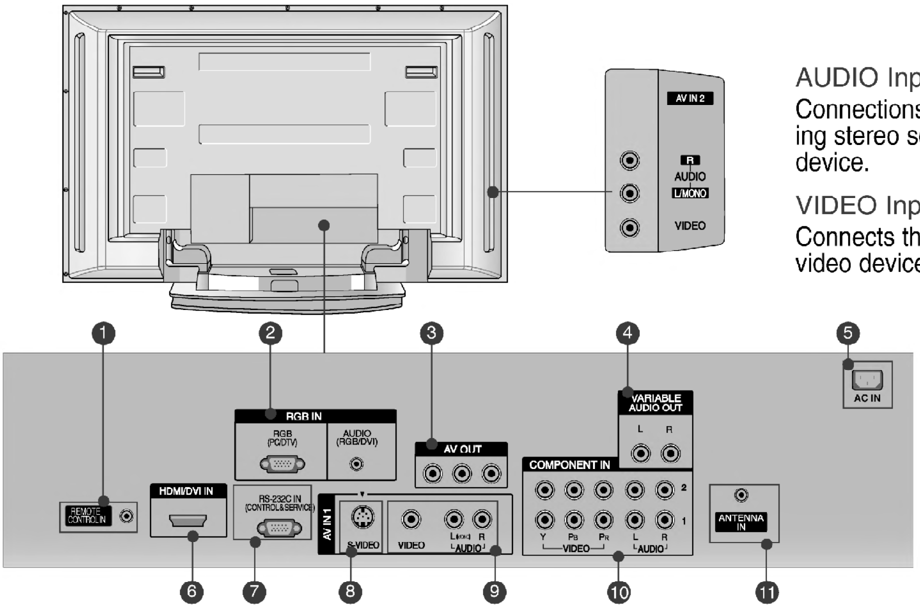


Power/Standby Indicator

- illuminates red in standby mode.
- illuminates white when the set is switched on.

⏻/ I
INPUT
MENU
OK ◉
◀ VOL ▶
▼ PR ▲
INPUT Button
OK Button
PROGRAMME Buttons
POWER Button
MENU Button
VOLUME Buttons

Back Connection Panel


AV IN 2
R
AUDIO
L/MONO
VIDEO
1
2
3
4
5
REMOTE CONTROL IN
HDMI/DVI IN
RGB IN
RGB (PC/DTV)
AUDIO (RGB/DVI)
RS-232C IN (CONTROL&SERVICE)
AV IN 1
S-VIDEO
VIDEO
L(MONO) R
AUDIO
AV OUT
COMPONENT IN
Y
PB
PR
L
R
VIDEO
AUDIO
2
1
VARIABLE AUDIO OUT
L R
ANTENNA IN
AC IN
6
7
8
9
10
11

AUDIO Input
Connections are available for listening stereo sound from an external device.

VIDEO Input
Connects the video signal from a video device.

① Remote Control Port

② RGB/Audio Input
Connect the monitor output from a PC/DTV to the appropriate input port.

③ AV OUT
Connect the second TV or monitor to the AV OUT socket on the set.

④ Variable Audio Output
Connect an external amplifier or add a sub woofer to your surround sound system.

⑤ Power Cord Socket
This the set operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the set on DC power.

⑥ HDMI/DVI Input
Connect a HDMI signal to HDMI/DVI IN.
Connect DVI(VIDEO) signal to HDMI/DVI port with DVI to HDMI cable.

⑦ RS-232C Input(CONTROL&SERVICE)Port
Connect the serial port of the control devices to the RS-232C jack.

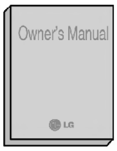
⑧ S-Video Input
Connect S-Video out from an S-VIDEO device.

⑨ Audio/Video Input
Connect audio/video output from an external device to these jacks.

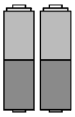
⑩ Component Input
Connect a component video/audio device to these jacks.

⑪ Antenna Input

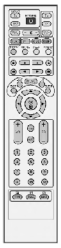
ACCESSORIES



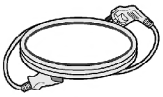
Owner's Manual



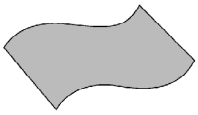
Batteries



Remote Control

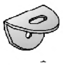


Power Cord

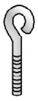


Polishing Cloth
Polish the screen with the cloth
This feature is not available
for all models.

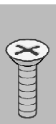
For 42PC1R*, 50PC1R*, 50PC3R*



2-Wall brackets



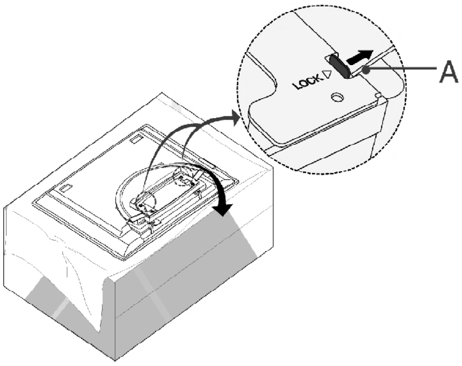
2-eye-bolts



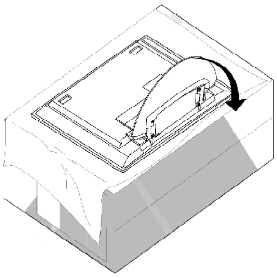
2-bolts for stand assembly

STAND INSTALLATION (OPTION)

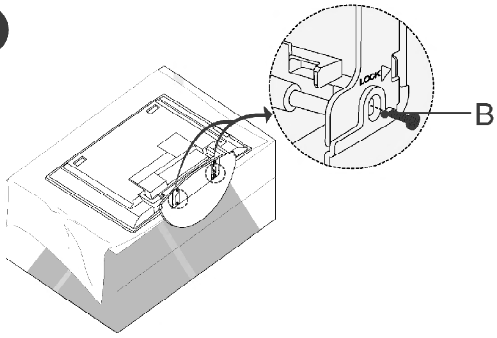
❶



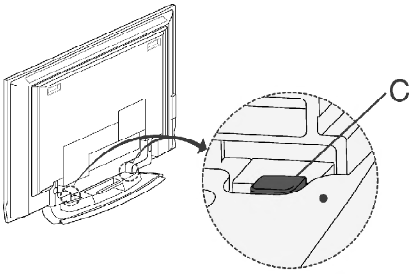
❷



❸



❹



- Place the set with the screen facing down on a cushion or soft cloth as shown in Figures 1.
  Before unfolding the stand, please make sure two locks (A) on the bottom of the stand push outward.
- Pull the stand out as shown above in Figures 2 ~ 3.
  After unfolding the stand, please insert and tighten the screws in the holes (B) on the bottom of the stand.
- When connecting cables to the set, Do not disengage the lock (C).
  This may cause the set to fall, causing serious bodily injury and serious damage to the set.

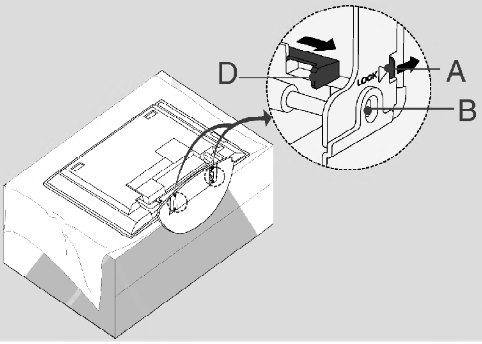
* NOTE

Figures shown here may be slightly different from your set.

When closing the stand for storage

First remove the screws in the holes (B) on the bottom of the stand. And then pull two Hooks (D) of the stand bottom
and fold the stand into the back of the set.

After folding, push two Locks (A) of the stand bottom outward.



SPECIFICATIONS

NOTE : Specifications and others are subject to change without notice for improvement.

■ Application Range

This spec is applied to the 42" PLASMA TV used PP62C Chassis.

Chassis	Model Name	Market	Brand	Remark
PP62C	42PC1R-TH	Non-EU	LG	

■ Specification

Each part is tested as below without special appointment.

1) Temperature : 25±5°C (77±9°F), CST : 40±5
2) Relative Humidity: 65±10%
3) Power Voltage: Standard Input voltage (100-240V~, 50/60Hz)
   * Standard Voltage of each product is marked by models.
4) Specification and performance of each parts are followed each drawing and specification by part number in accordance with SBOM.
5) The receiver must be operated for about 20 minutes prior to the adjustment.

■ Test Method

1) Performance : LGE TV test method followed.
2) Demanded other specification
   Safety : CE, IEC specification
   EMC : CE, IEC

Model	Market	Appliance
42PC1R-TH	Non-EU	Safety : IEC/EN60065, EMI : EN55013, EMS : EN55020

■ General Specification

1. Module Specification

1-1. 42"XGA MODULE

No	Item	Specification	Remark
1	Display Screen Device	42" Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42X3, RGB Closed Type	Clear Filter
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 0~85%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : LG

1-2. 42”WVGA MODULE

No	Item	Specification	Remark
1	Display Screen Device	42” Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42V8, RGB Closed Type	Clear Filter
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 0~85%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : Sanken

2. Model General Specification

<table>
<tr><th>No</th><th>Item</th><th colspan="3">Specification</th><th>Remark</th></tr>
<tr><td>1</td><td>Market</td><td colspan="3">Non-EU</td><td></td></tr>
<tr><td>2</td><td>Broadcasting system</td><td colspan="3">PAL-BG/I/DK, NTSC</td><td></td></tr>
<tr><td rowspan="3">3</td><td rowspan="3">Available Channel</td><td>BAND</td><td>PAL</td><td>NTSC</td><td rowspan="3"></td></tr>
<tr><td>VHF/UHF</td><td>C1~C69</td><td>2~83</td></tr>
<tr><td>CATV</td><td>S1~S47</td><td>1~135</td></tr>
<tr><td>4</td><td>Receiving system</td><td colspan="3">Upper Heterodyne</td><td></td></tr>
<tr><td>5</td><td>Scart Jack (2EA)</td><td colspan="3">PAL, SECAM, NTSC,NTSC4.43</td><td>4 System : PAL, SECAM, NTSC, PAL60</td></tr>
<tr><td>6</td><td>Video Input (1EA)</td><td colspan="3">PAL, SECAM, NTSC,NTSC4.43</td><td>4 System : PAL, SECAM, NTSC, PAL60</td></tr>
<tr><td>7</td><td>S-Video Input (1EA)</td><td colspan="3">PAL, SECAM, NTSC,NTSC4.43</td><td>4 System : PAL, SECAM, NTSC, PAL60</td></tr>
<tr><td>8</td><td>Component Input (2EA)</td><td colspan="3">Y/Cb/Cr, Y/Pb/Pr</td><td></td></tr>
<tr><td>9</td><td>RGB Input(1EA)</td><td colspan="3">RGB-PC,
RGB-DTV</td><td></td></tr>
<tr><td>10</td><td>HDMI Input(1EA)</td><td colspan="3">HDMI-PC
HDMI-DTV & SOUND</td><td></td></tr>
<tr><td>11</td><td>Audio Input (5EA)</td><td colspan="3">PC Audio, Component(2EA), AV (2EA)</td><td>L/R Input</td></tr>
<tr><td>12</td><td>Wired Control(1EA)</td><td colspan="3"></td><td></td></tr>
<tr><td>13</td><td>Audio variable out(1EA)</td><td colspan="3"></td><td></td></tr>
</table>

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions are applied to all of the 42" PLASMA TV, PP62C Chassis.

2. Notes

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test equipment.

(2) Adjustments must be done in the correct order.

(3) The adjustments must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.

(4) The input voltage of the receiver be must kept 100-220V~, 50/60Hz when adjusting.

(5) The receiver must be operational for about 15 minutes prior to the adjustments.

1) After receiving 100% white pattern, the receiver must be operated prior to adjustment. (Or 8. White Pattern condition in EZ - Adjust)

2) Enter into White Pattern

(1)Set is activated HEAT run without signal generator in this mode.

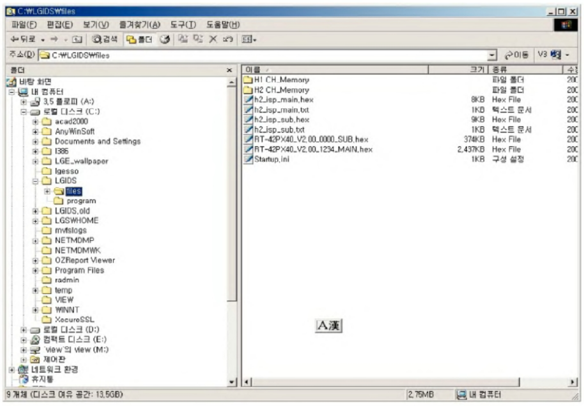
(2)Single color pattern (RED / BLUE / GREEN) of HEAT RUN MODE uses to check panel.

If you turn on a still screen more than 20 minutes (Especially Digital pattern, Cross Hatch Pattern), an afterimage may occur in the black level part of the screen.

3. Channel memory

3-1. Setting up the LGIDS

1) Install the LGIDS. (idsinst.exe)
2) After installation, restart your PC.
3) Extract [files.zip] to folder [c:\LGIDS\files].
4) Start LGIDS.


C:₩LGIDS₩files

이름	크기	종류
H1 CH_Memory		파일 폴더
H2 CH_Memory		파일 폴더
h2_isp_main.hex	8KB	Hex File
h2_isp_main.txt	1KB	텍스트 문서
h2_isp_sub.hex	9KB	Hex File
h2_isp_sub.txt	1KB	텍스트 문서
RT-42PX40_V2.00_0000_SUB.hex	374KB	Hex File
RT-42PX40_V2.00_1234_MAIN.hex	2,437KB	Hex File
Startup.ini	1KB	구성 설정

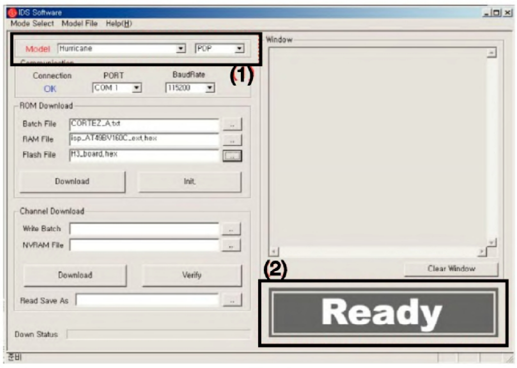
(Fig. 1)

3-2. Channel memory Method

1) Select "PDP" and "Hurricane" on Model dialog. And check your connection in Communication dialog. (If your connection is 'NG', then set your PORT(COM1,2,3,...) correctly.)

2) Connect RS-232C cable and turn on the power.
(If your connection has completed, you can see "Ready".)

※ If your set is not an end products but only a board, you have to make your board to Stand-by state (LED_R). And you have to Download in Stand_by power state.

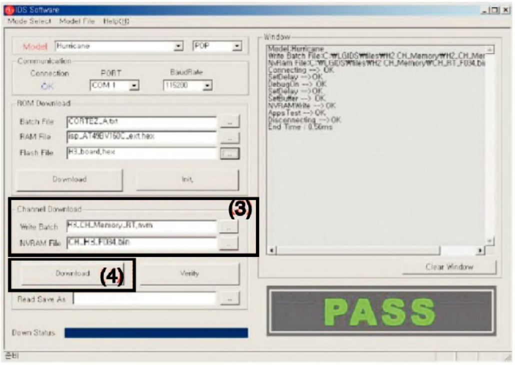

Model: Hurricane, PDP
Connection: OK; PORT: COM 1; BaudRate: 115200
Batch File: CORTEZ_A.txt
RAM File: isp_AT49BV160C_ext.hex
Flash File: H3_board.hex

(Fig. 2)

3) Select proper CH_memory file(*.nvm) for each model at [NVRAM Download] → [Write Batch]
Next, select proper binary file(*.bin) including the CH information for each model at [NVRAM File].
File name
ZH Model : H3_CH_Memory_ZH.nvm

4) Click the [Download] button.
It means the completion of the CH memory download if all items show 'OK' and Status is changed by 'PASS' at the lower right corner of the window.

5) If you want to check whether the CH information is memorized correctly or not, click the [Verify] button.
And then compare NVRAM File(*.bin) with the CH information downloaded.


Model: Hurricane, PDP
Connection: OK; PORT: COM 1; BaudRate: 115200
Batch File: CORTEZ_A.txt
RAM File: isp_AT49BV160C_ext.hex
Flash File: H3_board.hex
Write Batch: H3_CH_Memory_RT.nvm
NVRAM File: CH_H3_F034.bin

```
Model:Hurricane
Write Batch File:C:₩LGIDS₩files₩H2 CH_Memory₩H2_CH_Mer
NvRam File:C:₩LGIDS₩files₩H2 CH_Memory₩CH_RT_F034.bi
Connecting --> OK
SetDelay -->OK
DebugOn --> OK
SetDelay -->OK
SetBuffer --> OK
NVRAMWrite --> OK
AppsTest -->OK
Disconnecting -->OK
End Time : 0.56ms
```

(Fig. 3)

4. Auto AV(CVBS) Color Balance

4-1. Requirement

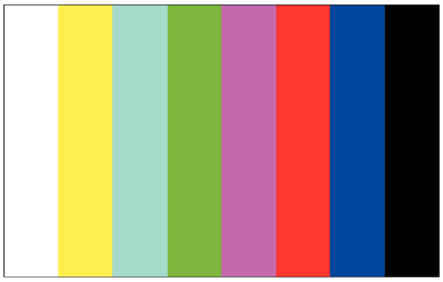
- It is very import to use correct adjustment pattern like (Fig.4).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

4-2. Required Test Equipment

1) Remote controller for adjustment
2) AV Pattern Generator : 802F Pattern Generator, Master(MSPG-925FA), etc.
   (Which has PAL Composite Video format output with standard(1.0 Vpp) Vertical 100% Color Bar Pattern as Fig. 4)

4-3. Method of Auto RGB Color Balance

1) Input the PAL Composite Video (Fig.4. 100% Color Bar Pattern) into video input.
2) If Assy has Scart jack ,Use AV3
   Else use AV1
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate to set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 4) Auto AV(CVBS) Color Balance Test Pattern

5. Auto Component Color Balance

5-1. Requirement

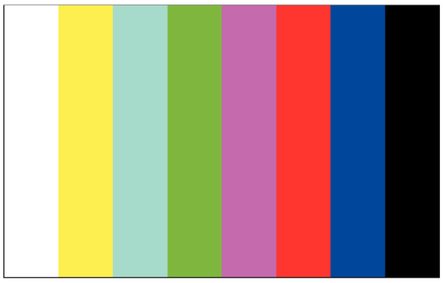
- It is very import to use correct adjustment pattern like (Fig.5).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

5-2. Required Test Equipment

1) Remote controller for adjustment.
2) 802F Pattern Generator.
   (Which has 720p YpbPr output with Standard(0.7Vpp)Vertical 100% Color Bar Pattern as Fig. 5)

5-3. Method of Auto RGB Color Balance

1) Input the Component 720p 100% Color Bar signal into Component1 or Component2.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 5) Auto Component Color Balance Test Pattern

6. Auto RGB Color Balance

6-1. Requirement

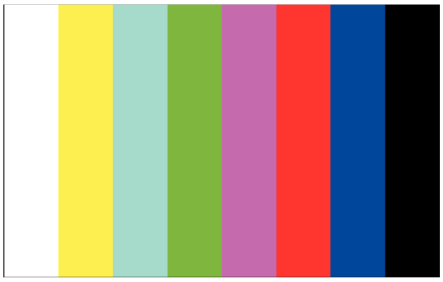
- It is very import to use correct adjustment pattern like (Fig.6).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

6-2. Required Test Equipment

1) Remote controller for adjustment
2) 802F Pattern Generator, Master (MSPG-925FA), etc.
   (Which has XGA 60Hz PC Format output with standard(0.7Vpp) 100 % Color Bar Pattern as Fig. 6)

6-3. Method of Auto RGB Color Balance

1) Input the PC 1024x768 @ 60Hz 100 % Color Bar Pattern into RGB.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment5) Auto-RGB OK means completed adjustment.



(Fig. 6) Auto RGB Color Balance Test Pattern

7. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage adjustments)

7-1. Test Equipment : D.M.M. 1EA

7-2. Connection Diagram for Measuring

: refer to Fig.7

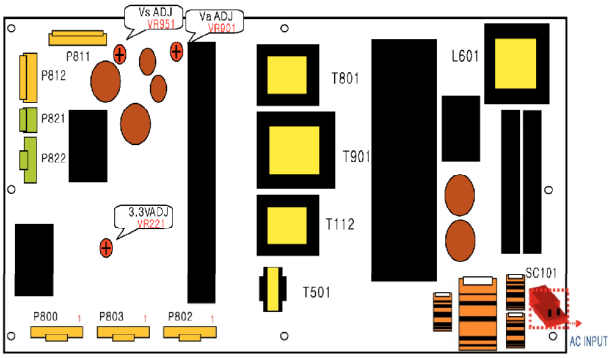
7-3. Adjustment Method

(1) Va Adjustment

1) After receiving 100% Full White Pattern, HEAT RUN.
2) Connect + terminal of D.M.M to Va pin of P812, connect - terminal to GND pin of P812.
3) After turning VR0901, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; ±0.5V)

(2) Vs Adjustment

1) Connect + terminal of D.M.M to Vs pin of P812, connect – terminal to GND pin of P812.
2) After turning VR951, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; ±0.5V)


Vs ADJ
VR951
Va ADJ
VR901
P811
P812
P821
P822
3.3VADJ
VR221
P800
P803
P802
T801
T901
T112
T501
L601
SC101
AC INPUT

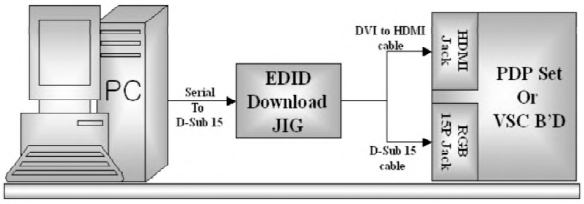
(Fig. 7) Connection Diagram of power adjustment for measuring.

8. EDID (The Extended Display Identification Data)/ DDC (Display Data Channel) download

8-1. Required Test Equipment

1) Adjusting PC with S/W for writing EDID Data. (S/W : EDID TESTER Ver.2.5)
2) A Jig for EDID Download.
3) Cable : Serial(9Pin or USB) to D-sub 15Pin cable, D-sub 15Pin cable, DVI to HDMI cable.

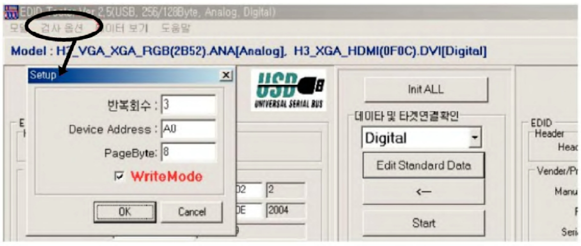
8-2. Setting of device


PC
Serial
To
D-Sub 15
EDID
Download
JIG
DVI to HDMI
cable
D-Sub 15
cable
HDMI
Jack
RGB
15P Jack
PDP Set
Or
VSC B'D

(Fig. 8) Connection Diagram of DDC download

8-3. Preparation for Adjustment

1) As above Fig. 8, Connect the Set, EDID Download Jig, PC & Cable.
2) Turn on the PC & EDID Download Jig. And Execute the S/W : **EDID TESTER Ver,2.5.**
3) Set up S/W option.
   Repeat Number : 5
   Device Address : A0
   PageByte : 8


EDID Tester Ver 2.5(USB, 256/128Byte, Analog, Digital)
모일
검사 옵션
데이터 보기
도움말
Setup
USB
UNIVERSAL SERIAL BUS
Init ALL
데이타 및 타겟연결확인
Edit Standard Data
<--
Start
EDID
Header
Vender/Pr
OK
Cancel

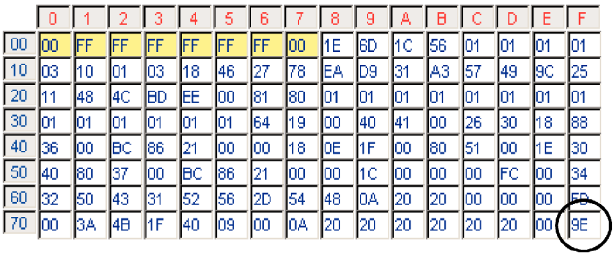
Model : H7_VGA_XGA_RGB(2B52).ANA[Analog], H3_XGA_HDMI(0F0C).DVI[Digital]

반복회수 : 3
Device Address : A0
PageByte: 8
☑ WriteMode
Digital

4) Power on the Set.

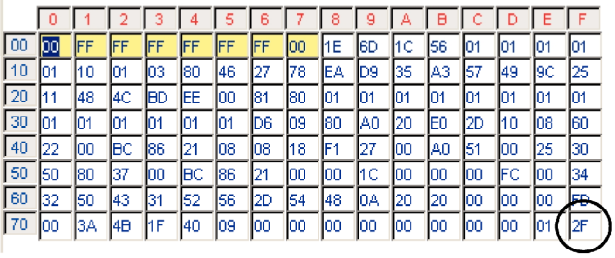
8-4. Data of EDID

1) DDC data of Analog-RGB.(Check Sum : 9E)



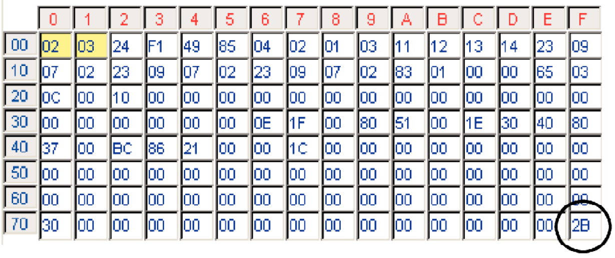
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1C	56	01	01	01	01
10	03	10	01	03	18	46	27	78	EA	D9	31	A3	57	49	9C	25
20	11	48	4C	BD	EE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	64	19	00	40	41	00	26	30	18	88
40	36	00	BC	86	21	00	00	18	0E	1F	00	80	51	00	1E	30
50	40	80	37	00	BC	86	21	00	00	1C	00	00	00	FC	00	34
60	32	50	43	31	52	56	2D	54	48	0A	20	20	00	00	00	FD
70	00	3A	4B	1F	40	09	00	0A	20	20	20	20	20	20	00	9E

2) DDC data of Digital-HDMI.(Check Sum : 2F2B)



	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1C	56	01	01	01	01
10	01	10	01	03	80	46	27	78	EA	D9	35	A3	57	49	9C	25
20	11	48	4C	BD	EE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	D6	09	80	A0	20	E0	2D	10	08	60
40	22	00	BC	86	21	08	08	18	F1	27	00	A0	51	00	25	30
50	50	80	37	00	BC	86	21	00	00	1C	00	00	00	FC	00	34
60	32	50	43	31	52	56	2D	54	48	0A	20	20	00	00	00	FD
70	00	3A	4B	1F	40	09	00	00	00	00	00	00	00	00	01	2F

[Block 0]

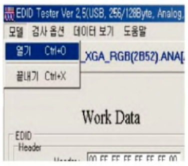


	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	02	03	24	F1	49	85	04	02	01	03	11	12	13	14	23	09
10	07	02	23	09	07	02	23	09	07	02	83	01	00	00	65	03
20	0C	00	10	00	00	00	00	00	00	00	00	00	00	00	00	00
30	00	00	00	00	00	00	0E	1F	00	80	51	00	1E	30	40	80
40	37	00	BC	86	21	00	00	1C	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
70	30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	2B

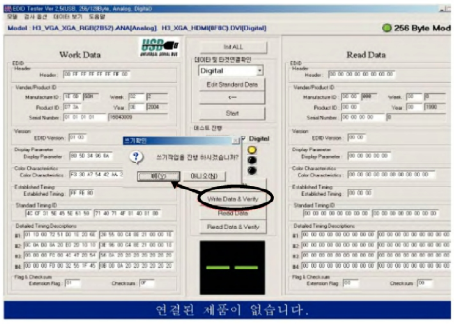
[Block 1]

8-5. Sequence of Adjustment

1) Init the data.
2) Load the EDID data.(Open File : Analog ,Digital)


EDID Tester Ver 2.5(USB, 256/128Byte, Analog,
모델 검사옵션 데이터보기 도움말
열기 Ctrl+O
끝내기 Ctrl+X
_XGA_RGB(2B52).ANA[
Work Data
EDID
Header

3) Push the “Write Data & Verify” button. And confirm “Yes”.
4) If the writing is finished, you will see the “OK” message.
5) It is important that PP62C has two HDMI so digital DDC downloading must be performed two times.(HDMI 1 , HDMI 2)


256 Byte Mod
Work Data
Read Data
Digital
Write Data & Verify
Read Data & Verify

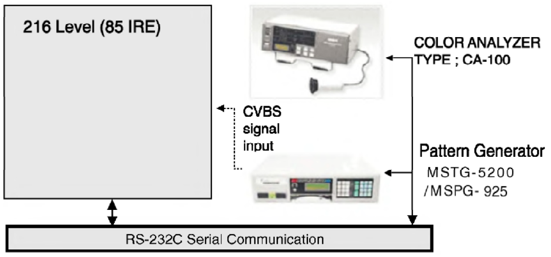
연결된 제품이 없습니다.

9. Adjustment of White Balance

9-1. Required Equipment

1) Remote controller for adjustment.
2) Color Analyzer. (CA-100 or same product)
3) Auto W/B adjustment instrument.(only for Auto adjustment)
4) AV Pattern Generator.

9-2. Connecting diagram of equipment for measuring (For Auto Adjustment)


216 Level (85 IRE)
COLOR ANALYZER
TYPE ; CA-100
CVBS
signal
input
Pattern Generator
MSTG-5200
/MSPG- 925
RS-232C Serial Communication

(Fig. 9) Connection Diagram of Auto W/B Adjustment

9-3. Adjustment of White Balance (For Manual adjustment)

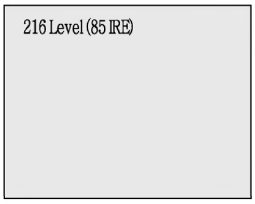
- Operate the zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

1) Select white pattern of heat-run mode by pressing power on key on remote control for adjustment then operate heat run more than 15 minutes.
2) As below Fig. 10, Supply 216Level (85 IRE) full screen pattern to Video input.
   If Assy has Scart jack ,Use AV3
   Else use AV1.
3) Enter the White Balance adjustment mode by pressing the INSTART key twice(White Balance) on R/C.
4) Stick sensor to center of the screen and select each items (Red/Green/Blue Gain and Offset) using ▲ / ▼(CH +/-) key on R/C.
5) Adjust Only High Light with R Gain / B Gain using ◄ / ► (VOL+/-) key on R/C.
6) Adjust it until color coordination becomes as below.
   Initially, R/G/B gain and R/G/B offset values are fixed as below
   Red Gain : 82, Green Gain : 80, Blue Gain : 86
   Red Offset : 80, Green Offset : 80, Blue Offset : 8C (XGA)
   Red Offset : 80, Green Offset : 80, Blue Offset : 89 (VGA)

   ■ **Desired result**

Brightness :	High Light :	80 ± 20cd/m2
Color-Coordinate :	High Light :	X : 0.283 ± 0.002
		Y : 0.298 ± 0.002

   Color Temperature : 9,300°K ± 500°K


216 Level (85 IRE)

(Fig. 10) Pattern for Adjustment of White Balance

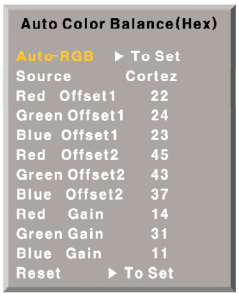
7) When adjustment is completed, Exit adjustment mode using EXIT key on R/C.

10. Input the Shipping Option Data

1) Push the IN-START key in a Adjust Remocon.
2) Input the Option Number that was specified in the BOM, into the Shipping area.
3) The work is finished, Push ■ Key.

11. Default value in adjustment mode

11-1. Auto Color Balance (Component/RGB)

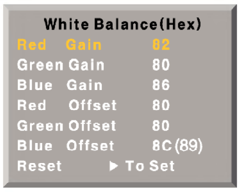


Auto Color Balance(Hex)

Auto-RGB	▶ To Set
Source	Cortez
Red Offset1	22
Green Offset1	24
Blue Offset1	23
Red Offset2	45
Green Offset2	43
Blue Offset2	37
Red Gain	14
Green Gain	31
Blue Gain	11
Reset	▶ To Set

(Fig. 11) Default Value on OSD

11-2. White Balance



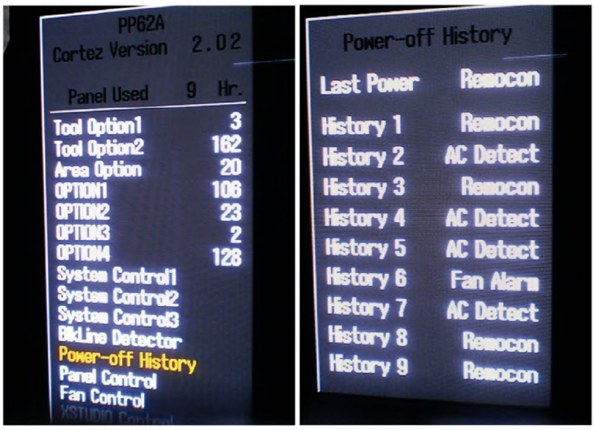
White Balance(Hex)

Red Gain	82
Green Gain	80
Blue Gain	86
Red Offset	80
Green Offset	80
Blue Offset	8C (89)
Reset	▶ To Set

(Fig. 12) Default Value on OSD

12. Power-off History

1)This function indicated Power off history.
2) You can go into this mode by ADJ key in ADJ remocon.



PP62A

Cortez Version	2.02
Panel Used	9 Hr.
Tool Option1	3
Tool Option2	162
Area Option	20
OPTION1	106
OPTION2	23
OPTION3	2
OPTION4	128
System Control1	
System Control2	
System Control3	
BlkLine Detector	
Power-off History	
Panel Control	
Fan Control	
XSTUDIO Control	

Power-off History

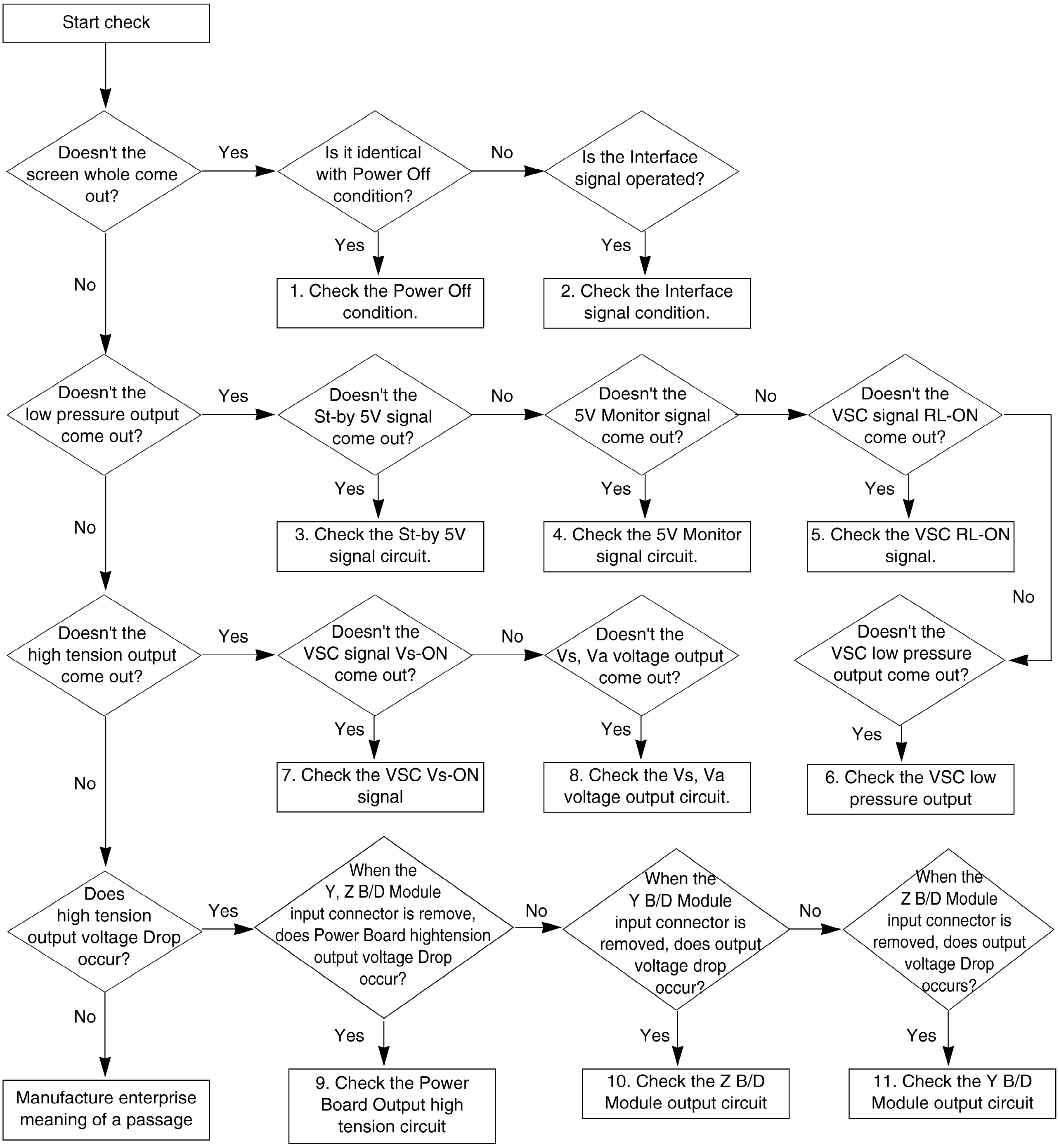
Last Power	Remocon
History 1	Remocon
History 2	AC Detect
History 3	Remocon
History 4	AC Detect
History 5	AC Detect
History 6	Fan Alarm
History 7	AC Detect
History 8	Remocon
History 9	Remocon

(Fig. 13) Power-off History

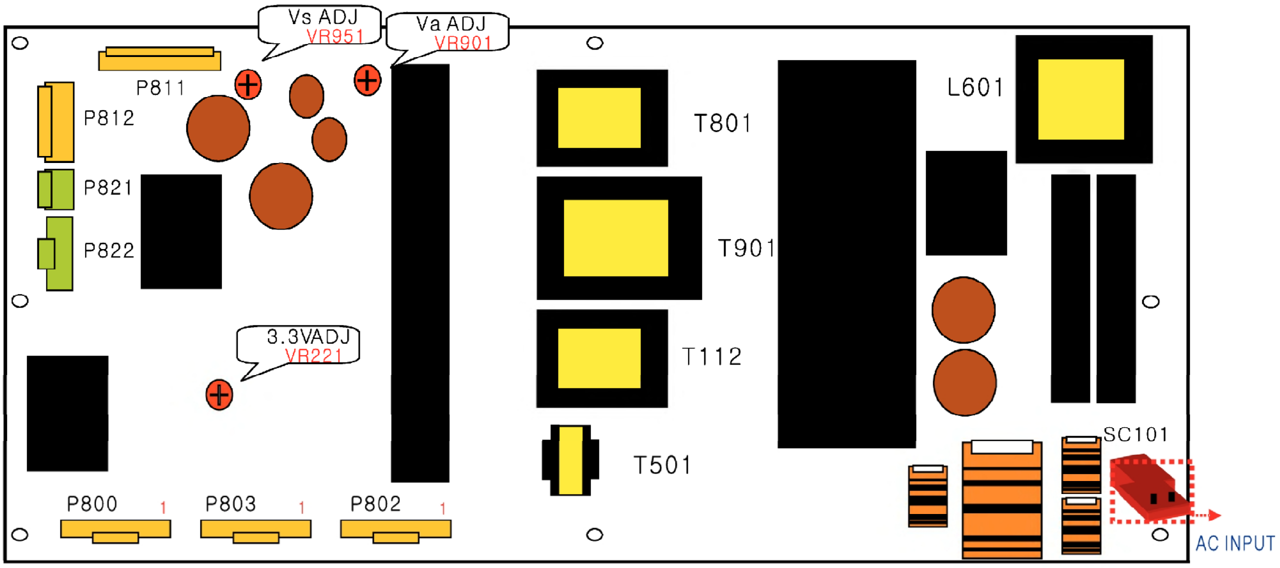
TROUBLE SHOOTING GUIDE

1. Power Board

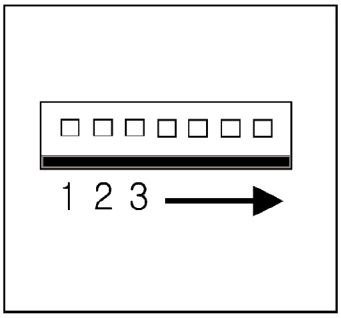
1-1. The whole flowchart which it follows in voltage output state


Start check
Doesn't the screen whole come out?
Yes
Is it identical with Power Off condition?
No
Is the Interface signal operated?
Yes
1. Check the Power Off condition.
Yes
2. Check the Interface signal condition.
No
Doesn't the low pressure output come out?
Yes
Doesn't the St-by 5V signal come out?
No
Doesn't the 5V Monitor signal come out?
No
Doesn't the VSC signal RL-ON come out?
Yes
3. Check the St-by 5V signal circuit.
Yes
4. Check the 5V Monitor signal circuit.
Yes
5. Check the VSC RL-ON signal.
No
No
Doesn't the high tension output come out?
Yes
Doesn't the VSC signal Vs-ON come out?
No
Doesn't the Vs, Va voltage output come out?
Doesn't the VSC low pressure output come out?
Yes
7. Check the VSC Vs-ON signal
Yes
8. Check the Vs, Va voltage output circuit.
Yes
6. Check the VSC low pressure output
No
Does high tension output voltage Drop occur?
Yes
When the Y, Z B/D Module input connector is remove, does Power Board hightension output voltage Drop occur?
No
When the Y B/D Module input connector is removed, does output voltage drop occur?
No
When the Z B/D Module input connector is removed, does output voltage Drop occurs?
No
Manufacture enterprise meaning of a passage
Yes
9. Check the Power Board Output high tension circuit
Yes
10. Check the Z B/D Module output circuit
Yes
11. Check the Y B/D Module output circuit

1-2. 42” Power Board Structure


Vs ADJ
VR951
Va ADJ
VR901
P811
P812
P821
P822
3.3VADJ
VR221
T801
T901
T112
T501
L601
SC101
AC INPUT
P800
1
P803
1
P802
1

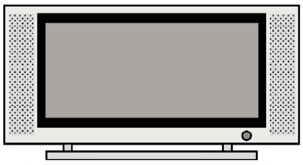
NO	AC INLET	ANALOG & DIGITAL BOARD			PDP MODULE		READY 1)	
	SC1	P800	P803	P802	P811	P812	P821	P822
1	AC	AC Det	19V	3.4V	Vs	5V	5V	GND
2	NC	RL-ON	19V	3.4V	Vs	GND	5V	GND
3	AC	STB 5V	GND	GND	NC	Va	GND	GND
4		GND	GND	GND	GND	GND	GND	GND
5		Vs-ON	6V	6V	GND	GND		5V
6		5V Det	GND	6V	Va	GND		5V
7		3.4V-ON	3.4V	GND	GND	NC		5V
8		STB 5V	GND	GND	5V	Vs		5V
9		GND	12V	12V		Vs		
10		NC	GND	12V				
11		6V		GND				
12		GND		GND				
13		3.4V-ON						



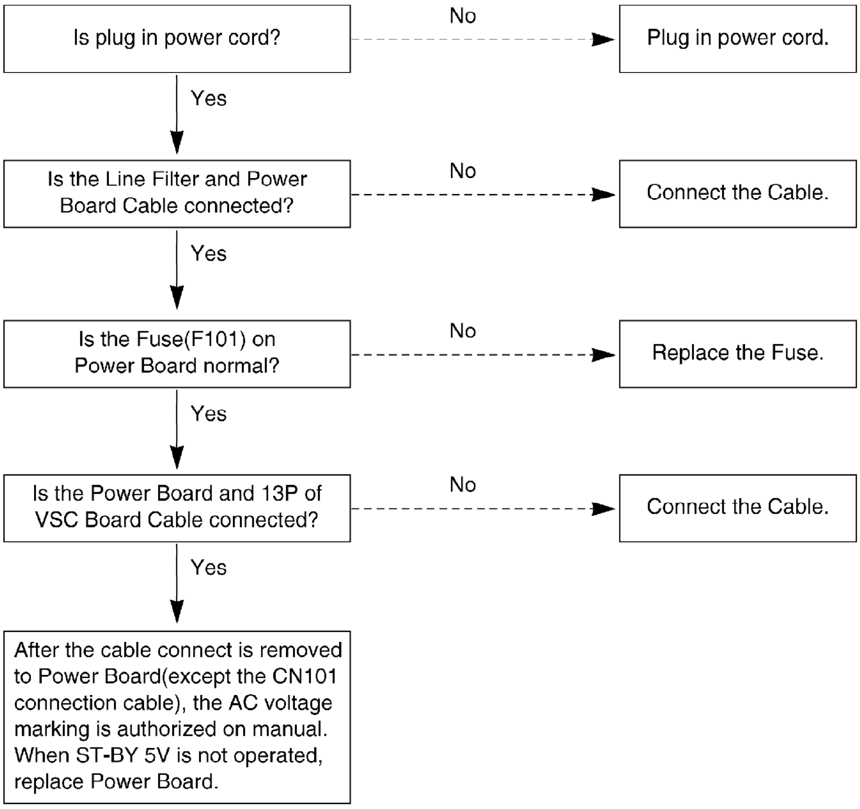
2. No Power

(1) Symptom

1) Doesn't minute discharge at module.
2) Non does not come in into the front LED.



(2) Check following



Is plug in power cord?

Plug in power cord.

Is the Line Filter and Power Board Cable connected?

Connect the Cable.

Is the Fuse(F101) on Power Board normal?

Replace the Fuse.

Is the Power Board and 13P of VSC Board Cable connected?

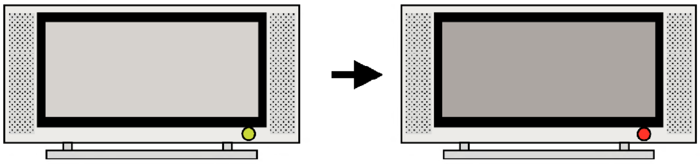
Connect the Cable.

After the cable connect is removed to Power Board(except the CN101 connection cable), the AC voltage marking is authorized on manual. When ST-BY 5V is not operated, replace Power Board.

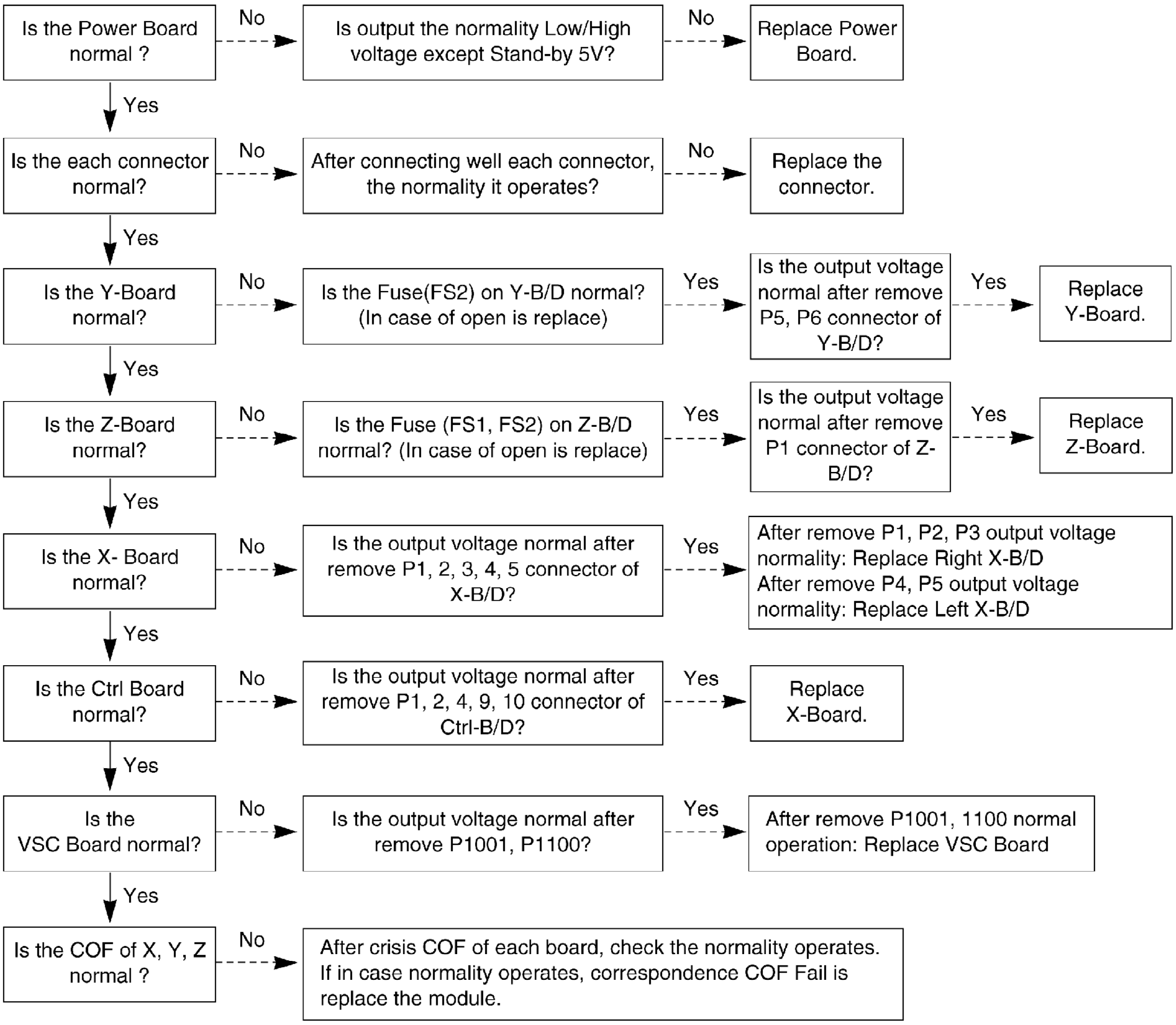
3. Protect Mode

(1) Symptom

1) After once shining, it does not discharge minutely from module.
2) The Rely falls.(The sound is audible “click”)
3) It is converted with the color where the front LED is red from green.



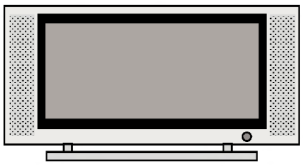
(2) Check following


Is the Power Board normal ?
No
Is output the normality Low/High voltage except Stand-by 5V?
No
Replace Power Board.
Yes
Is the each connector normal?
No
After connecting well each connector, the normality it operates?
No
Replace the connector.
Yes
Is the Y-Board normal?
No
Is the Fuse(FS2) on Y-B/D normal? (In case of open is replace)
Yes
Is the output voltage normal after remove P5, P6 connector of Y-B/D?
Yes
Replace Y-Board.
Yes
Is the Z-Board normal?
No
Is the Fuse (FS1, FS2) on Z-B/D normal? (In case of open is replace)
Yes
Is the output voltage normal after remove P1 connector of Z-B/D?
Yes
Replace Z-Board.
Yes
Is the X- Board normal?
No
Is the output voltage normal after remove P1, 2, 3, 4, 5 connector of X-B/D?
Yes
After remove P1, P2, P3 output voltage normality: Replace Right X-B/D
After remove P4, P5 output voltage normality: Replace Left X-B/D
Yes
Is the Ctrl Board normal?
No
Is the output voltage normal after remove P1, 2, 4, 9, 10 connector of Ctrl-B/D?
Yes
Replace X-Board.
Yes
Is the VSC Board normal?
No
Is the output voltage normal after remove P1001, P1100?
Yes
After remove P1001, 1100 normal operation: Replace VSC Board
Yes
Is the COF of X, Y, Z normal ?
No
After crisis COF of each board, check the normality operates. If in case normality operates, correspondence COF Fail is replace the module.

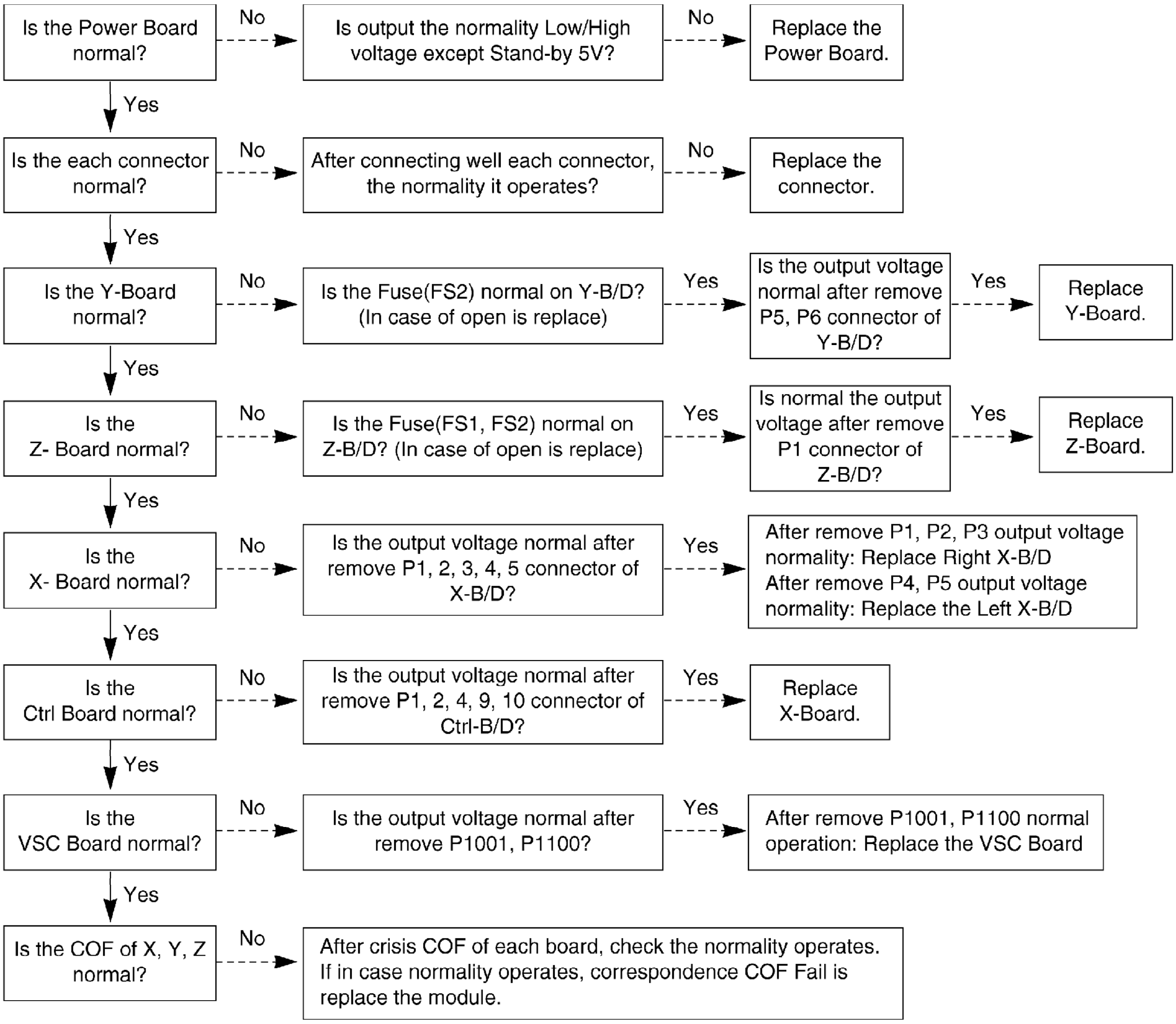
4. No Raster

(1) Symptom

1) Doesn't minute discharge at module.
2) It maintains the condition where the front LED is green.



(2) Check following



Is the Power Board normal?

Is output the normality Low/High voltage except Stand-by 5V?

Replace the Power Board.

Is the each connector normal?

After connecting well each connector, the normality it operates?

Replace the connector.

Is the Y-Board normal?

Is the Fuse(FS2) normal on Y-B/D? (In case of open is replace)

Is the output voltage normal after remove P5, P6 connector of Y-B/D?

Replace Y-Board.

Is the Z- Board normal?

Is the Fuse(FS1, FS2) normal on Z-B/D? (In case of open is replace)

Is normal the output voltage after remove P1 connector of Z-B/D?

Replace Z-Board.

Is the X- Board normal?

Is the output voltage normal after remove P1, 2, 3, 4, 5 connector of X-B/D?

After remove P1, P2, P3 output voltage normality: Replace Right X-B/D
After remove P4, P5 output voltage normality: Replace the Left X-B/D

Is the Ctrl Board normal?

Is the output voltage normal after remove P1, 2, 4, 9, 10 connector of Ctrl-B/D?

Replace X-Board.

Is the VSC Board normal?

Is the output voltage normal after remove P1001, P1100?

After remove P1001, P1100 normal operation: Replace the VSC Board

Is the COF of X, Y, Z normal?

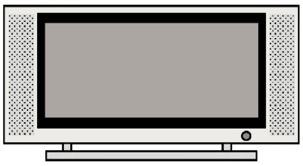
After crisis COF of each board, check the normality operates. If in case normality operates, correspondence COF Fail is replace the module.

5. In case of occurring strange screen into specific mode

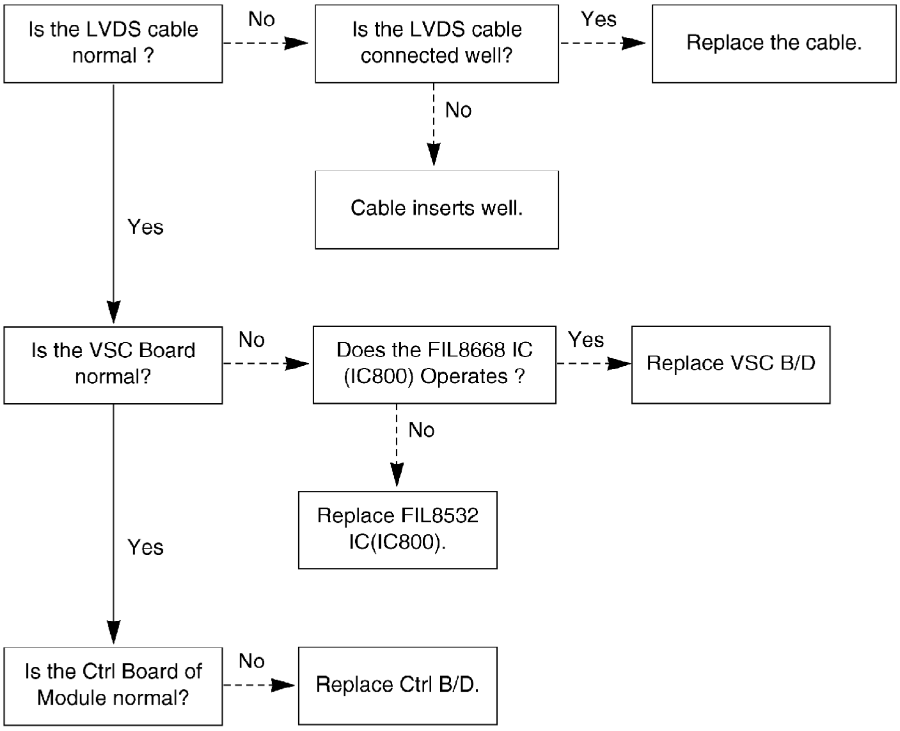
5-1. In case the OSD does not displayed

(1) Symptom

1) LED is green.
2) The minute discharged continuously becomes accomplished from module.



(2) Check following

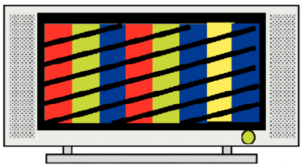


Is the LVDS cable normal ?
No
Is the LVDS cable connected well?
Yes
Replace the cable.
No
Cable inserts well.
Yes
Is the VSC Board normal?
No
Does the FIL8668 IC (IC800) Operates ?
Yes
Replace VSC B/D
No
Replace FIL8532 IC(IC800).
Yes
Is the Ctrl Board of Module normal?
No
Replace Ctrl B/D.

5-2. In case of does't display the screen into specific mode

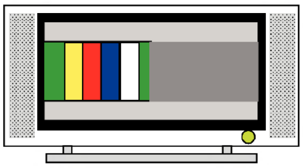
(1) Symptom

1) The screen does not become the display from specific input mode.
(RF, AV, Component, RGB, DVI)

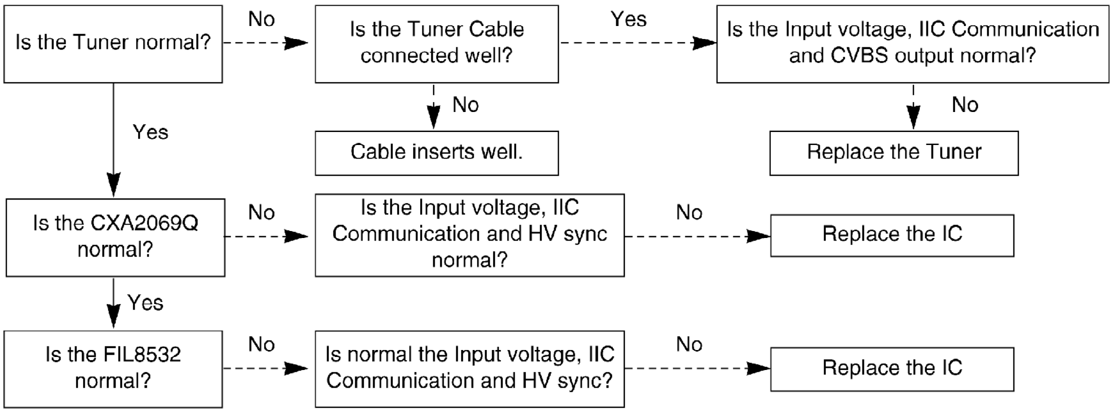


(2) Check following

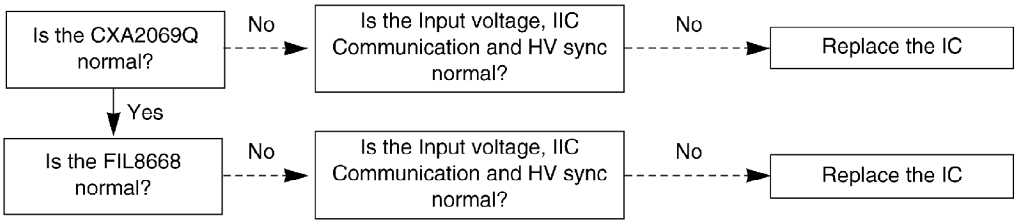
1) Check the all input mode should become normality display.
2) Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)



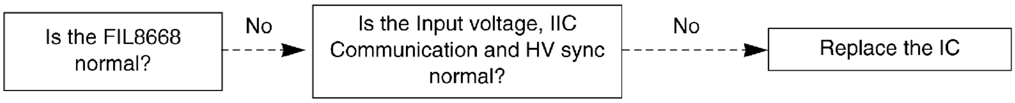
(3) In case of becomes unusual display from RF mode


Is the Tuner normal?
No
Is the Tuner Cable connected well?
Yes
Is the Input voltage, IIC Communication and CVBS output normal?
No
Cable inserts well.
No
Replace the Tuner
Yes
Is the CXA2069Q normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC
Yes
Is the FIL8532 normal?
No
Is normal the Input voltage, IIC Communication and HV sync?
No
Replace the IC

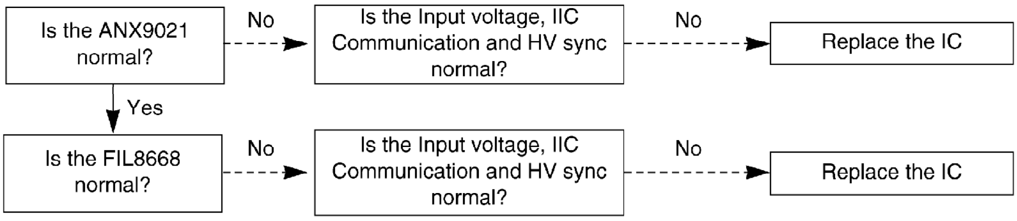
(4) In the case of becomes unusual display from RF, AV mode


Is the CXA2069Q normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC
Yes
Is the FIL8668 normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC

(5) In the case of becomes unusual display from Component, RGB mode


Is the FIL8668 normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC

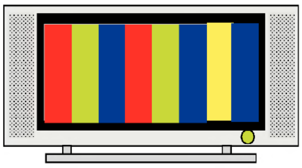
(6) In the case of becomes unusual display from HDMI mode


Is the ANX9021 normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC
Yes
Is the FIL8668 normal?
No
Is the Input voltage, IIC Communication and HV sync normal?
No
Replace the IC

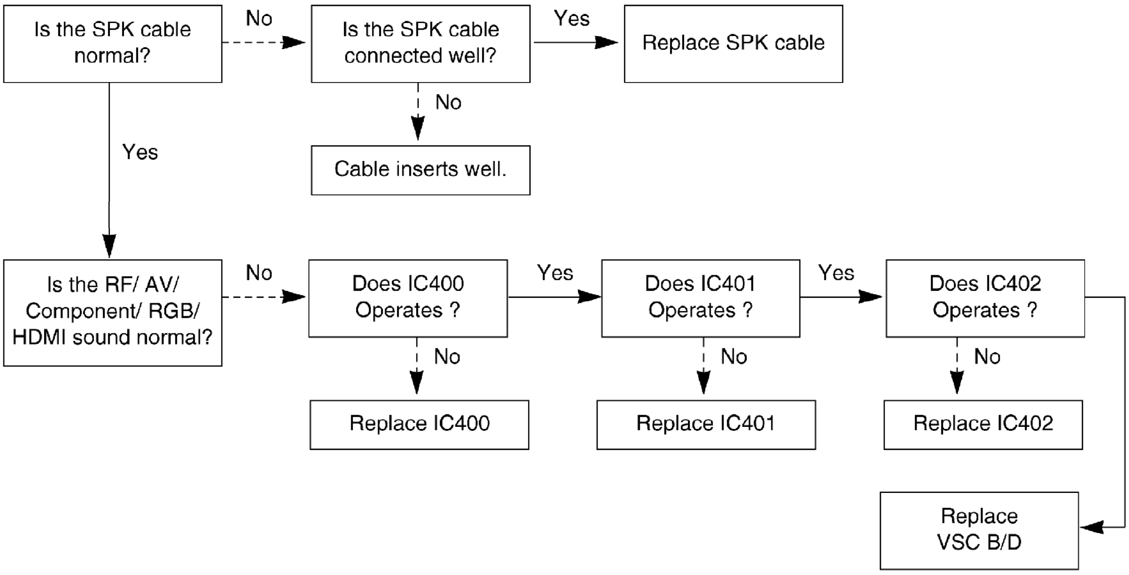
6. In case of no sound

(1) Symptom

1) LED is green.
2) Screen display but sound is not output.

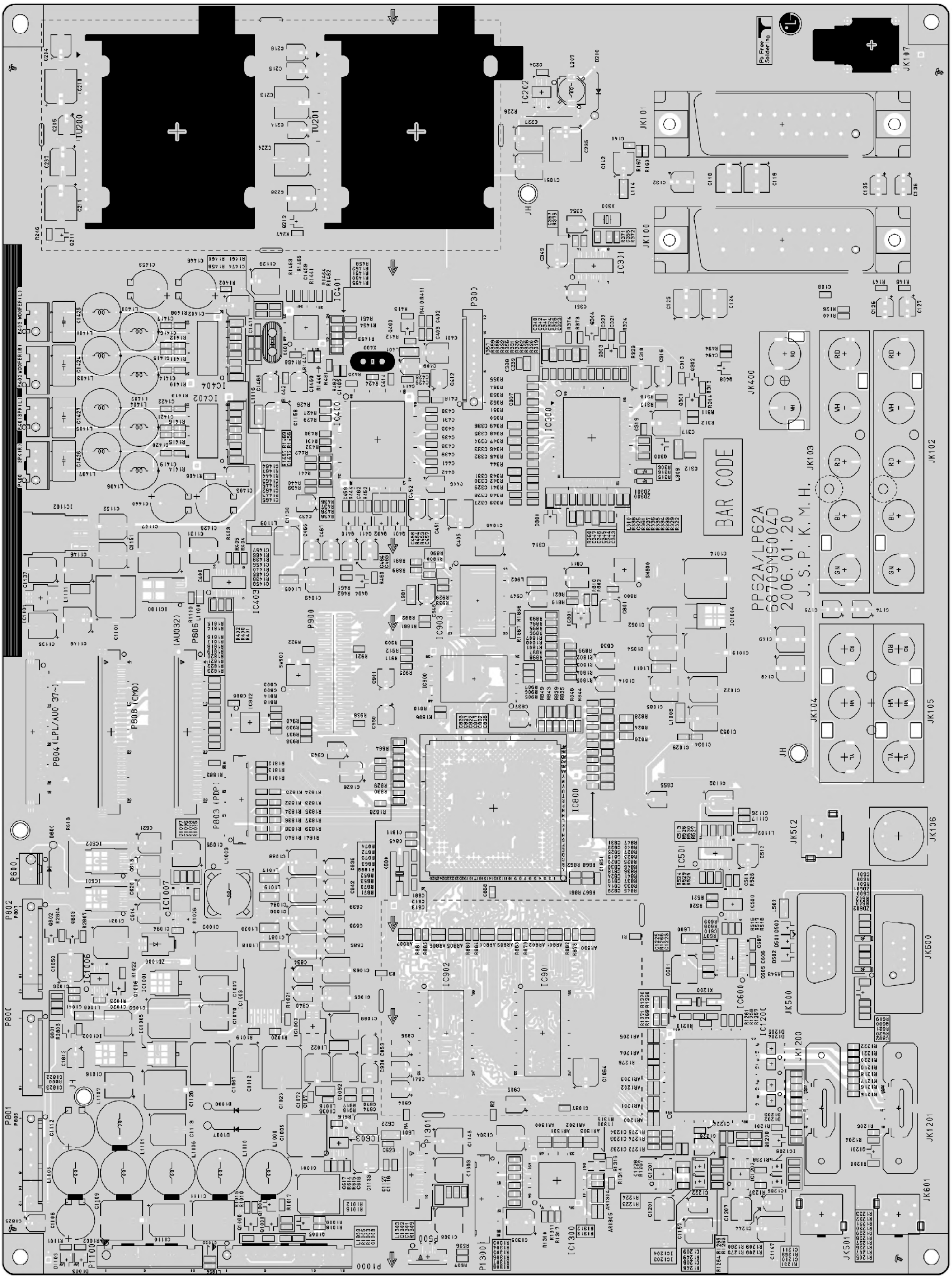


(2) Check following

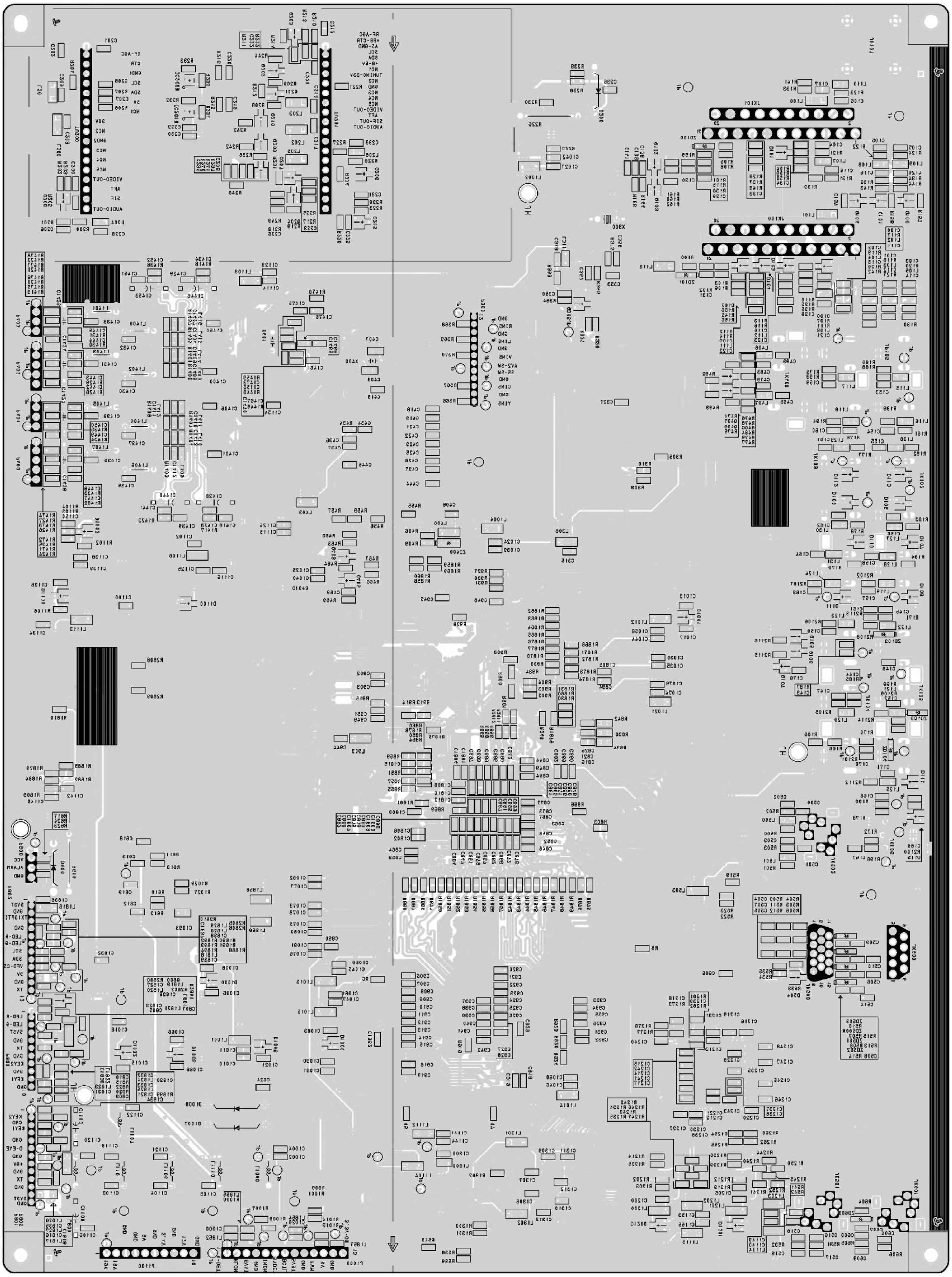

Is the SPK cable normal?
No
Is the SPK cable connected well?
Yes
Replace SPK cable
No
Cable inserts well.
Yes
Is the RF/ AV/ Component/ RGB/ HDMI sound normal?
No
Does IC400 Operates ?
Yes
Does IC401 Operates ?
Yes
Does IC402 Operates ?
No
No
No
Replace IC400
Replace IC401
Replace IC402
Replace VSC B/D

PRINTED CIRCUIT BOARD

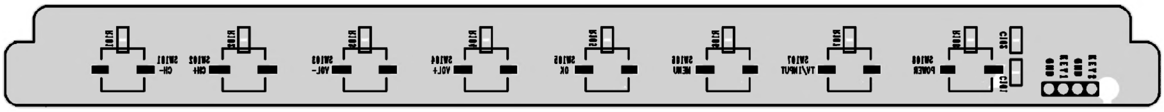
MAIN(TOP)


PP62A/LP62A
68709M9004D
2006.01.20
J.S.P. K.M.H.
BAR CODE
TU200
TU201
IC202
JK107
JK101
JK100
IC301
IC401
P300
IC400
IC300
JK400
JK103
JK102
IC402
IC404
IC403
P806
P900
IC903
IC1004
JK104
JK105
P804 LPL/AUO 37~1
P808 (CMO)
P803 (PDP)
IC800
JK502
JK106
IC501
P600
P802
IC1007
IC1006
IC902
IC901
IC600
JK500
JK600
IC1200
JK1200
P800
P801
JK1201
IC1300
P1300
JK501
JK601
P1100
P1000

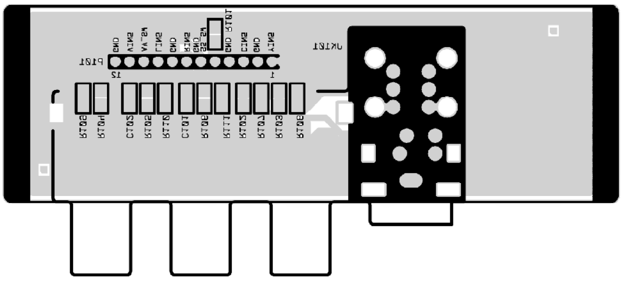
MAIN(BOTTOM)



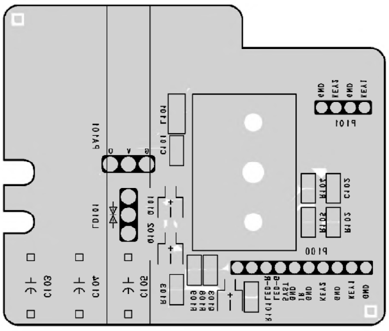
CONTROL


SW101
CH-
SW102
CH+
SW103
VOL-
SW104
VOL+
SW105
OK
SW106
MENU
SW107
TV/INPUT
SW108
POWER

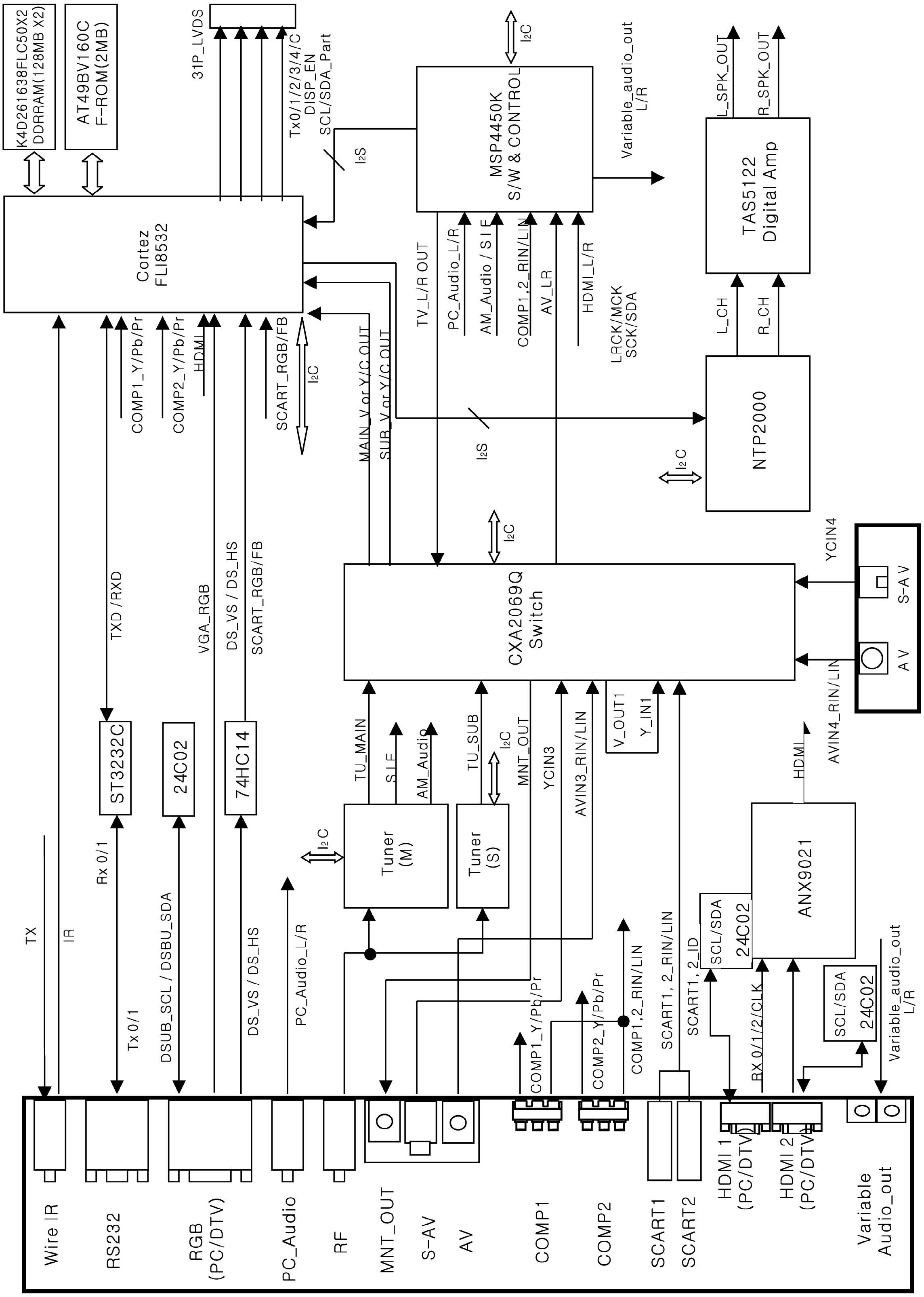
SIDE A/V



PRE-AMP

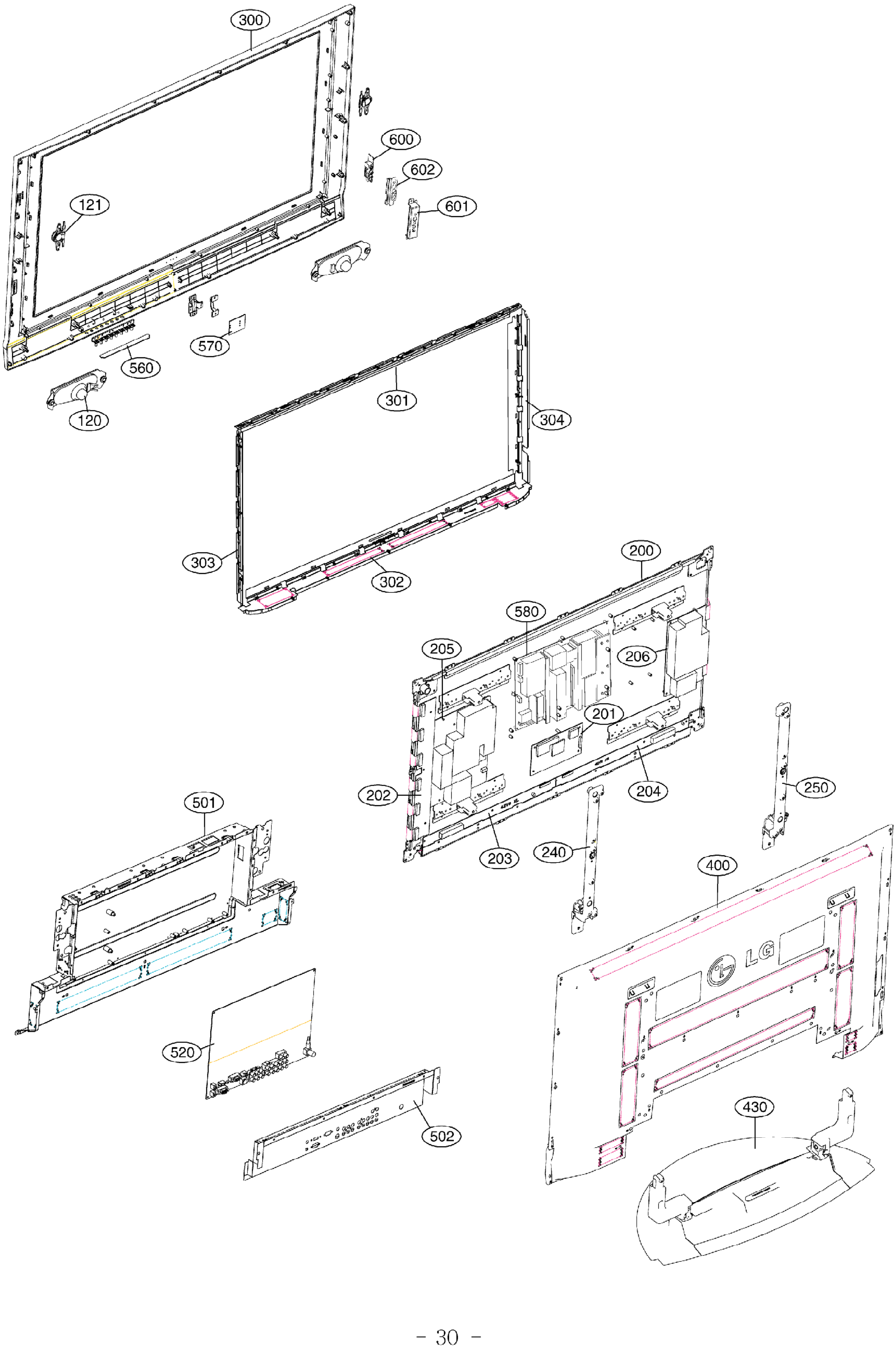


BLOCK DIAGRAM


K4D261638FLC50X2
DDRRAM(128MB X2)
AT49BV160C
F-ROM(2MB)
31P_LVDS
Tx0/1/2/3/4/C
DISP_EN
SCL/SDA_Part
I2S
I2C
MSP4450K
S/W & CONTROL
Variable_audio_out
L/R
L_SPK_OUT
R_SPK_OUT
TAS5122
Digital Amp
Cortez
FLI8532
TV_L/R OUT
PC_Audio_L/R
AM_Audio / S I F
COMP1,2_RIN/LIN
AV_LR
HDMI_L/R
LRCK/MCK
SCK/SDA
L_CH
R_CH
NTP2000
COMP1_Y/Pb/Pr
COMP2_Y/Pb/Pr
HDMI
SCART_RGB/FB
MAIN_V or Y/C OUT
SUB_V or Y/C OUT
YCIN4
S-AV
AV
TXD /RXD
VGA_RGB
DS_VS / DS_HS
SCART_RGB/FB
CXA2069Q
Switch
AVIN4_RIN/LIN
ST3232C
24C02
74HC14
TU_MAIN
S I F
AM_Audio
TU_SUB
MNT_OUT
YCIN3
AVIN3_RIN/LIN
V_OUT1
Y_IN1
HDMI
Tuner
(M)
Tuner
(S)
ANX9021
TX
IR
Rx 0/1
Tx 0/1
DSUB_SCL / DSBU_SDA
DS_VS / DS_HS
PC_Audio_L/R
COMP1_Y/Pb/Pr
COMP2_Y/Pb/Pr
COMP1,2_RIN/LIN
SCART1, 2_RIN/LIN
SCART1, 2_ID
SCL/SDA
24C02
RX 0/1/2/CLK
SCL/SDA
24C02
Variable_audio_out
L/R
Wire IR
RS232
RGB
(PC/DTV)
PC_Audio
RF
MNT_OUT
S-AV
AV
COMP1
COMP2
SCART1
SCART2
HDMI 1
(PC/DTV)
HDMI 2
(PC/DTV)
Variable
Audio_out

MEMO

EXPLODED VIEW


300
600
602
601
121
570
560
120
301
304
303
302
200
580
205
206
201
202
204
250
501
240
203
400
520
430
502
LG

EXPLODED VIEW PARTS LIST

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

No.	Part No.	Descriptions
120	6400WMCX03A	Speaker, Woofer ND35 15W 8OHM 82DB 100HZ 193X57mM LUG * OLD Part Number
	EAB30829201	Speaker, Woofer g1560102 ND 15W 8OHM 82DB 100HZ 193 X 57 X 50 LUG
121	6400DTTX02C	Speaker, Tweeter EN15D-6659-1 N35 15W 8OHM 81DB - 38.3X88mM LUG * OLD Part Number
	EAB30824301	Speaker, Tweeter D013d03k1401 ND 15W 8OHM 86DB 0HZ 88 X 38.3 X 10 LUG
⚠ 200	6348Q-E066H	PDP, Module-XGA PDP42X30201.AKLGG XGA 42INCH 1024X768 16/9 LGEIN/TH/MK/ML/GF/VN
	6348Q-E128J	PDP, Module-XGA PDP42X30201.ADLGB XGA 42INCH 1024X768 16/9 C/SKD IN/ MT(SKD)
	6348Q-E139N	PDP Module, 42” 1024*768 PDP42X30401.AKLGG NAGHI
⚠ 201	6871QCH077A	PCB Assembly, Display CTRL ASSY HAND INSERT 42”HD 42X3 CTRL ASSY HAND
⚠ 202	6871QDH117A	PCB Assembly, Display YDRV ASSY HAND INSERT 42”HD 42X3 YDRV HAND INSERT
⚠ 203	6871QLH059A	PCB Assembly, Display XRLT ASSY HAND INSERT 42”HD 42X3 XRLT ASSY HAND
⚠ 204	6871QRH068A	PCB Assembly, Display XRRT ASSY HAND INSERT 42”HD 42X3 XRRT ASSY
⚠ 205	6871QYH053B	PCB Assembly, Display YSUS ASSY HAND INSERT 42”HD 42X3 VER.B
⚠ 206	6871QZH056B	PCB Assembly, Display ZSUS ASSY HAND INSERT 42”HD 42X3 VER.B
240	4980900109A	Supporter, COMPLEX ASSY AL 42PC1R-TA, VERTICAL RIGHT LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900109C	Supporter, ASSY AL 42PC1R-TA, VERTICAL RIGHT, C/SKD
250	4980900109B	Supporter, COMPLEX ASSY AL 42PC1R-TA, VERTICAL LEFT LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900109D	Supporter, ASSY AL 42PC1R-TA, VERTICAL LEFT, C/SKD
⚠ 300	30919E0024C	Cover Assembly, 42PC1R-ZH BRAND 30909E0008A 3211900003A(LG) LGEIN/TH/MK/ML/GF/VN/NAGHI
	30919E0024Q	Cover Assembly, 42PC1R-ZH BRAND 30909E0008 3211900003A C/SKD
301	4980900113A	Supporter, COMPLEX ASSY AL FILTER TOP 42PC1R-TA LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900113B	Supporter, ASSY AL FILTER TOP 42PC1R-TA C/SKD
302	4980900114A	Supporter, COMPLEX ASSY AL FILTER BOTTOM 42PC1R-TA LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900114B	Supporter, ASSY AL FILTER BOTTOM 42PC1R-TA C/SKD
303	4980900115A	Supporter, COMPLEX ASSY AL FILTER RIGHT 42PC1R-TA LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900115B	Supporter, ASSY AL FILTER RIGHT 42PC1R-TA, C/SKD
304	4980900116A	Supporter, COMPLEX ASSY AL FILTER LEFT 42PC1-TA LGEIN/TH/MK/ML/GF/VN/NAGHI
	4980900116B	Supporter, ASSY AL FILTER LEFT 42PC1-TA, C/SKD
⚠ 400	3809900103A	Cover Assembly, 42PC1R ANALOG LGEIN/TH/MK/ML/GF/VN/NAGHI
	3809900103F	Cover Assembly, 42PC1R ANALOG 42PC1R ,C/SKD
⚠ 430	3501900014A	Base Assembly, D/T SPK STAND AP-42DC11 MF056A FOLDING STAND LGEIN/TH/MK/ML/GF/VN/NAGHI
	3501900014C	Base Assembly, D/T SPK STAND AP-42DC11 MF056A FOLDING STAND C/SKD
501	3301900095B	Plate Assembly, AV 42PC CORTEZ-A LGEIN/TH/MK/ML/GF/VN/NAGHI
	3301900095P	Plate Assembly, AV H3 C/SKD
502	3301900094L	Plate Assembly, ASSY PDP PC SERIES VCTP, EU LGEIN/TH/MK/ML/GF/VN/NAGHI
	3301900094N	Plate Assembly, ASSY PDP PC SERIES CORTEZ-A CHINA C/SKD
520	68719MMW32A	PCB Assembly, Main MAIN1 M.I PP62C 42PC1R-CH ACNLLHX H3
560	68719SMH44A	PCB Assembly, Sub SUB M.I PP62A 42PC1R AMLLKX
570	68719SMH46A	PCB Assembly, Sub SUB M.I PP62A 42PC1R ATLLKR H3 PREAMP LGEMK /LGEGF/LGETH/LGEML/NAGHI
	68719SML93A	PCB Assembly, Sub SUB M.I PP62A 42PC1R-ZH SETLLJP DMS SKD PREAMP
⚠ 580	6709900019A	Power Supply Assembly, 42INCH UNIFICATION PSU PDP LGIT PA61B 400W 42PB2D
600	68719SML49A	PCB Assembly,Sub SUB M.I PP62A 42PC1R-ZH AEULLAX H3H SET SIDE A/V LGEIN/TH/MK/ML/GF/VN/NAGHI
	68719SML91A	PCB Assembly, Sub SUB M.I PP62A 42PC1R-ZH SETLLJP DMS SKD SIDE A/V
601	4811900021D	Bracket Assembly, SIDE AV 42PC1RV-TH PP62A CORTEZ, EU LGEIN/TH/MK/ML/GF/VN/NAGHI
	4811900021H	Bracket Assembly, SIDE AV 42PC1RV-TH PP62A SKD
602	48149V0003A	Plate, PRESS SPTE T0.3 SET SIDE AV 42PC1R LGEIN/TH/MK/ML/GF/VN/NAGHI
	48149V0003B	Plate, PRESS SPTE T0.3 SKD SIDE AV 42/50PC1R

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
IC1000	0IPRPML001C	MIC39100-2.5WS,LF 2.3TO26V 2.5V - SOT223
IC1001	0IPMGRH001G	BA33BC0FP-E2 4.3TO16V 3.3V 1.2W TO252
IC1002	0IMCRFA010A	KA7809R 11.5TO24V 9V 150W DPAK R/TP 3P
IC1003	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263 ST 5
IC1004	0IPMGRH001G	BA33BC0FP-E2 4.3TO16V 3.3V 1.2W TO252
IC1005	0IPMGRH001G	BA33BC0FP-E2 4.3TO16V 3.3V 1.2W TO252
IC1100	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK
IC1101	0IPRPML001C	MIC39100-2.5WS,LF 2.3TO26V 2.5V - SOT223
IC1102	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V - TO263 ST
IC1200	0IPRP00735A	ANX9021 3.3V - 17MHZ TQFP TR 144P
IC1201	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT 2.7TO5.5
IC1202	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT 2.7TO5.5
IC300	0ISO206900A	CXA2069Q 8.5TO9.5V 1300MW QFP TR 64P
IC301	0ISA721700C	LA7217M 4.5VTO5.5V 16.1KHZ 150MW - MFP
IC400	0IMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_4.75TO5.25V
IC401	0IPRP00718A	NTP-2000 2.0TO5.0V - LQFP TR 48P
IC402	0IMCRTI028C	TAS5122DCARG4,LF 3TO3.6V_16TO25.5V
IC403	0IPH741400E	74HC14D 2TO6V 0.002mA
IC500	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT 2.7TO5.5
IC501	0IPH741400E	74HC14D 2TO6V 0.002mA
IC600	0IPRP00009A	ICL3232CBNZ 3.0TO5.5 - SSOP R/TP 16P
IC800	0IPRP00692B	FLI8662-LF-AB-XD - PBGA TR 416P
IC802	0IMP242560A	24LC256-I/SM 256KBIT 32KX8BIT 2.5
IC901	0IMMR00002A	K4D261638F-LC50 128MBIT 8MX16BIT
IC902	0IMMR00002A	K4D261638F-LC50 128MBIT 8MX16BIT
TRANSISTOR & FET		
IC1203	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1204	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1205	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1206	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
Q1000	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1001	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1004	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1005	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1006	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q101	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q102	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q103	0TR387500AA	2SC3875S(ALY) NPN 5V 60V 50V 150MA
Q105	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q106	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q107	0TR102009AM	KRA102S PNP -30V50V -0.1A -0.0000005A
Q1200	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q1201	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q200	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q201	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q202	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q203	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q204	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q205	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q206	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q207	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q211	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q212	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q300	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q301	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q302	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q303	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q304	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q305	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
Q400	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q401	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q402	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q403	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q404	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q405	0TR102009AM	KRA102S PNP -30V50V -0.1A
Q407	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q408	0TR102009AM	KRA102S PNP -30V50V -0.1A
Q409	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q410	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q411	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q600	0TRIY80001A	2SC3052 NPN 6V 50V 50V 200MA 100NA
Q800	0TR102009AJ	KRC102S NPN 30V - 50V 100MA 500NA
Q801	0TRIH80002A	2SA1530A-T112-1R PNP -6V -60V -50V
DIODE		
D1000	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1001	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1002	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1004	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1005	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1006	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1007	0DD200009AF	RU2M 400V 1.2V 10UA 20A 400NSEC R1 TP 2P
D1008	0DD200009AF	RU2M 400V 1.2V 10UA 20A 400NSEC R1 TP 2P
D1100	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1101	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1102	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D114	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D115	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D1200	0DSIH00028A	MC2838-T112-1 1.2V 75V 300MA 4A 3NSEC
D1201	0DSIH00028A	MC2838-T112-1 1.2V 75V 300MA 4A 3NSEC
D1202	0DRSE00048A	RLCAMP0504M 1.2V 6V 25V 12A 300W
D1203	0DRSE00048A	RLCAMP0504M 1.2V 6V 25V 12A 300W
D1204	0DRSE00048A	RLCAMP0504M 1.2V 6V 25V 12A 300W
D1205	0DRSE00048A	RLCAMP0504M 1.2V 6V 25V 12A 300W
D300	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D500	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D501	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D502	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
D504	0DS226009AA	KDS226 1.2V 85V 300MA 2A 4NSEC 150MW
ZD102	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD103	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD104	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD300	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323

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LOCA. NO	PART NO	DESCRIPTION
ZD301	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD400	0DZRM00248A	RLZ8.2B 8200MV 7.78TO8.19V 8OHM
ZD500	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD501	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD502	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD503	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
ZD600	0DR050008AA	SD05.TC - 6V 14.5V 24A 350W SOD323
CAPACITOR		
C1000	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1001	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1001	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1002	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1003	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C1004	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1005	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1005	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1006	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1007	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1007	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1008	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1009	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1009	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1010	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1011	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1012	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1012	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1013	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1014	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1014	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1015	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1016	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1016	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1017	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1018	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1019	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1019	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1020	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1020	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1021	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1022	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1022	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1023	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1023	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1024	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1025	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1026	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1027	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1028	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1029	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C103	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60MA
C1030	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1031	0CE476SK6D8	MVG8.0TP50VC47M 47uF 20% 50V 140MA
C1032	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1033	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1034	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1035	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1036	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1037	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1039	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C104	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60MA
C1040	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1041	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1042	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1044	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1045	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1046	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1047	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1048	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1048	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1049	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1049	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C105	0CE4763F618	ESF476M016T1A5E05G 47uF 20% 16V 60MA
C1050	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1050	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1051	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1051	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1053	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1053	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1054	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1054	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1058	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1059	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1060	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1061	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1062	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1062	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1063	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1063	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1064	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1064	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1065	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1065	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1066	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1067	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1067	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1068	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1069	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1069	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1070	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1070	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1071	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1072	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1072	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA

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LOCA. NO	PART NO	DESCRIPTION
C1073	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1074	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1075	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1076	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1077	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1078	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1079	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1080	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1081	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1082	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1083	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1084	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1084	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1085	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1085	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1086	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1086	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1087	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1087	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1088	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1088	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1089	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1089	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1090	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1091	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1092	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1092	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1100	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1101	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1101	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1102	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1103	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1104	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1105	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1106	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1107	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1107	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1108	0CE477DJ618	EGR477M035T1G1H20G 470uF 20% 35V
C1109	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1109	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1110	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA
C1111	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1111	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1112	0CE477DJ618	EGR477M035T1G1H20G 470uF 20% 35V
C1113	0CE227WF6DC	MVK8.0TP16VC220M 220uF 20% 16V 80MA
C1114	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1115	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1116	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1117	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1118	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1119	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1120	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1121	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1122	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1123	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1124	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1125	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1126	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1127	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1128	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C1128	0CE477WF6DC	MVK10TP16VC470M 470uF 20% 16V 80MA
C1129	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1129	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1130	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1130	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1131	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1131	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1132	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1132	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1133	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1133	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1134	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1135	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1135	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1136	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1137	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1137	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1138	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1139	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1140	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1141	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1142	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1143	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1144	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1145	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1146	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1146	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1147	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1147	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1148	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1148	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1149	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1149	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1150	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1151	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1151	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1152	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C1152	0CE107WF6DC	MVK6.3TP16VC100M 100uF 20% 16V 80MA
C1153	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1154	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1155	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1156	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1157	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1157	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1158	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1158	0CE476WF6DC	MVK6.3TP16VC47M 47uF 20% 16V 80MA
C1200	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1205	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1207	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C1212	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1213	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1214	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1215	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1216	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1217	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1218	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1219	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1220	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1221	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1222	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C1223	0CC180CK41A	C1608C0G1H180JT 18pF 5% 50V C0G
C1224	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1225	0CC180CK41A	C1608C0G1H180JT 18pF 5% 50V C0G
C1226	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C1227	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1228	0CK103CK51A	0603B103K500CT 10nF 10% 50V Y5P
C1229	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1230	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1231	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1235	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1236	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1237	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1238	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1239	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1240	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1241	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1242	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1243	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1244	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C1245	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1246	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1247	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1248	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1313	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1401	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1403	0CE106SK6DC	VMV106M050S0ANC010 10uF 20% 50V
C1405	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1406	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1410	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1411	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1412	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1413	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1418	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1419	0CK333CK56A	C1608X7R1H333KT 33nF 10% 50V X7R
C1420	0CK333CK56A	C1608X7R1H333KT 33nF 10% 50V X7R
C1421	0CK333CK56A	C1608X7R1H333KT 33nF 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1422	0CK333CK56A	C1608X7R1H333KT 33nF 10% 50V X7R
C1423	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1426	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C1427	0CF4741L438	PCMT 365 76474 470nF 5% 63V MPE
C1428	0CE477DJ618	EGR477M035T1G1H20G 470uF 20% 35V
C1435	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1436	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1437	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1438	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1439	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1441	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1446	0CE477DJ618	EGR477M035T1G1H20G 470uF 20% 35V
C1447	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1448	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1449	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1450	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1455	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1456	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1457	0CK105DF64A	0805F105Z160CT 1uF -20TO+80% 16V
C1458	0CK105DF64A	0805F105Z160CT 1uF -20TO+80% 16V
C1459	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1460	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C1461	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1466	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1467	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G
C1468	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C1469	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C147	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C1470	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0G
C1473	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1474	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0G
C1475	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1476	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C148	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20% 16V
C149	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20% 16V
C150	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C151	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C152	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C174	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C175	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C178	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1800	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1801	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1802	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1803	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C1804	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1805	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1806	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1807	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1808	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1809	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1810	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1811	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1812	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1813	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C1814	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C1851	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C1852	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C200	0CC331CK41A	C1608C0G1H331JT 330pF 5% 50V C0G
C201	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C206	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C207	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V C0G
C208	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V C0G
C211	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C213	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C215	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C218	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C219	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V C0G
C220	0CC270CK41A	C1608C0G1H270JT 27pF 5% 50V C0G
C221	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C222	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C223	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G
C224	0CE477SF6DC	VMV477M016S0ANG030 470uF 20% 16V
C225	0CK273CK56A	0603B273K500CT 27nF 10% 50V X7R
C226	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C228	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50V C0G
C229	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C231	0CK273CK56A	0603B273K500CT 27nF 10% 50V X7R
C233	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50V C0G
C234	0CC271CK41A	C1608C0G1H271JT 270pF 5% 50V C0G
C235	0CE476SK6D8	MVG8.0TP50VC47M 47uF 20% 50V 140MA
C236	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C237	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20% 16V
C238	0CE227SF6DC	MVG6.3TP16VC220M 220uF 20% 16V
C312	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C313	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C314	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C315	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C316	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C317	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C318	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C319	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C320	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C321	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C322	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C326	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C327	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C328	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C329	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C330	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C331	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C332	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C333	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C334	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V

LOCA. NO	PART NO	DESCRIPTION
C335	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C336	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C337	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C338	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C339	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C340	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C341	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C342	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C343	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C344	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C345	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C346	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C347	0CK225DFK4A	C2012Y5V1C225MT 2.2uF 20% 16V
C348	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C349	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C350	0CC102CK41A	C1608C0G1H102JT 1nF 5% 50V C0G
C351	0CE105SK6DC	VMV105M050S0ANB010 1uF 20% 50V
C352	0CK563CK56A	C1608X7R1H563KT 56nF 10% 50V X7R
C353	0CK223CK56A	UMK107JB223KA-T 22nF 10% 50V X7R
C354	0CE105SK6DC	VMV105M050S0ANB010 1uF 20% 50V
C355	0CK821CK56A	C1608X7R1H821KT 820pF 10% 50V X7R
C356	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C357	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C401	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C402	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C403	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C405	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C406	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C409	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C411	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C412	0CE335SK6DC	VMV335M050S0ANB010 3.3uF 20% 50V
C414	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G
C415	0CC560CK41A	C1608C0G1H560JT 56pF 5% 50V C0G
C416	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C428	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C429	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C430	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C431	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C432	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C433	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C434	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C435	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C436	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C437	0CC101CK41A	C1608C0G1H101JT 100pF 5% 50V C0G
C438	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C439	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C441	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C442	0CK474CH94A	0603F474Z250CT 470nF -20TO+80% 25V
C444	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C445	0CK471CK56A	C1608X7R1H471KT 470pF 10% 50V X7R
C446	0CE335SK6DC	VMV335M050S0ANB010 3.3uF 20% 50V
C451	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V

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LOCA. NO	PART NO	DESCRIPTION
C452	0CE106SH6DC	VMV106M025S0ANB010 10uF 20% 25V
C457	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P
C458	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P
C459	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P
C462	0CK682CK51A	C1608Y5P1H682KT 6.8nF 10% 50V Y5P
C463	0CE475SK6DC	VMV475M050S0ANB010 4.7uF 20% 50V
C464	0CE475SK6DC	VMV475M050S0ANB010 4.7uF 20% 50V
C466	0CE475SK6DC	VMV475M050S0ANB010 4.7uF 20% 50V
C467	0CE475SK6DC	VMV475M050S0ANB010 4.7uF 20% 50V
C469	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C479	0CK471CK56A	C1608X7R1H471KT 470pF 10% 50V X7R
C483	0CK471CK56A	C1608X7R1H471KT 470pF 10% 50V X7R
C493	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C494	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C495	0CK102CK56A	0603B102K500CT 1nF 10% 50V X7R
C500	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C501	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C502	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C503	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C506	0CC120CK41A	C1608C0G1H120JT 12pF 5% 50V C0G
C511	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C512	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C514	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C605	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C606	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C607	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C608	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C609	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G
C610	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C611	0CE107SF6DC	VMV107M016S0ANE010 100uF 20% 16V
C612	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C613	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C614	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C615	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C618	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C619	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C620	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C621	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C622	0CE476SF6DC	VMV476M016S0ANC010 47uF 20% 16V
C623	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C624	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C800	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C803	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C806	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C809	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C810	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C812	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V C0G
C813	0CC300CK41A	C1608C0G1H300JT 30pF 5% 50V C0G
C814	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C815	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C816	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C817	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C818	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C819	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C820	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C821	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C822	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C823	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C824	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C825	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C826	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C827	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C828	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C829	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C830	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C831	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C832	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C833	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C834	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C835	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C836	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C837	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C838	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C839	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C840	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C841	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C842	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C843	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C844	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C845	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C846	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C847	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C848	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C849	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C850	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C851	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C852	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C853	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C854	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C855	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C856	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C857	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C858	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C859	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C860	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C861	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C862	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C863	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C864	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C865	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C866	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C867	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C868	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C869	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C870	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C871	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C872	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C873	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C874	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C875	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C876	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C877	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C878	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C879	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C880	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C881	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C882	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C883	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C884	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C885	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C886	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C887	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C888	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C889	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C890	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C891	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C892	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C893	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C894	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C895	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C896	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C897	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C898	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C899	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C901	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C902	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C903	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C904	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C905	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C906	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C907	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C908	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C909	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C910	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C911	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C912	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C913	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C914	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C915	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C916	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C917	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C918	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C919	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C920	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C921	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C922	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C923	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C924	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C925	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C926	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C927	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C928	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C929	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C930	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C931	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C932	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C933	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C934	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C935	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C936	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C937	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C938	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C939	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C940	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C941	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C942	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C943	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C944	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C945	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C946	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C947	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C948	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
C949	0CK103CK56A	0603B103K500CT 10nF 10% 50V X7R
C950	0CE226SF6DC	VMV226M016S0ANB010 22uF 20% 16V
C951	0CK104CK56A	0603B104K500CT 100nF 10% 50V X7R
R156	0CC470CK41A	C1608C0G1H470JT 47pF 5% 50V C0G

COIL & INDUCTOR

LOCA. NO	PART NO	DESCRIPTION
L1000	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1101	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1105	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1106	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1107	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1110	6140VB0004B	Coil, LN-15A1 26uH 12X9MM LEAD
L1404	6140VB0032A	Coil, DBF-1015A 15.5uH 10.8X19MM LEAD LPF
L1405	6140VB0032A	Coil, DBF-1015A 15.5uH 10.8X19MM LEAD LPF
L1406	6140VB0032A	Coil, DBF-1015A 15.5uH 10.8X19MM LEAD LPF
L1407	6140VB0032A	Coil, DBF-1015A 15.5uH 10.8X19MM LEAD LPF
L101	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10% - 50MA
L120	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L121	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L122	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L123	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L204	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L206	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10% - 30MA
L311	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L407	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA
L408	0LCML00020C	Inductor, MLI-201212-100K 10UH 10% - 15MA

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RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
CONNECTOR & HARNESS		
C1	6631900010K	Harness,Single 6631900010K SMH200 SMH200
C2	6631900012C	Harness,Single 6631900012C SMH250 SMH250
C3	6631900048C	Harness,Single SMH200 SMH200 250mM 2.00MM
C4	6631900050D	Harness,Single 6631900050D SMH200 SMH200
C5	6631900097G	Harness,Single SMH250 35097/35098
C6	6631900098G	Harness,Single SMH250 35097/35098
C7	6631T25020L	Harness,Single SMH250 SMH250 250mM 2.50MM
C8	6631T39004D	Harness,Single 1-1123722-9 1-1123722-9 220mM
C9	6631V39013N	Harness,Single 1-1123722-8 1-1123722-8 900mM
JK500	6630G70016A	Conector, DSUBA03-7071-094 D-SUB 15P
JK600	6630G70017A	Conector, DSUBA02-0915-101 D-SUB 9P 2.77MM
RESISTOR		
AR800	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR801	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR802	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR803	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR804	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR805	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR806	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR807	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
LED		
D1003	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1103	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
LD101	0DLAU0410AA	SAW5670 ROUND 5mM AMBER/WHITE
SWITCH		
SW101	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW102	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW103	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW104	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW105	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW106	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW107	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW108	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW800	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
SW900	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
FILTER & CRYSTAL		
AR1200	6210TCE002B	HB-4M3216-121JT 120OHM
AR1201	6210TCE002B	HB-4M3216-121JT 120OHM
AR1202	6210TCE002B	HB-4M3216-121JT 120OHM
AR1203	6210TCE002B	HB-4M3216-121JT 120OHM
AR1204	6210TCE002B	HB-4M3216-121JT 120OHM
AR1205	6210TCE002B	HB-4M3216-121JT 120OHM
L1001	6200J000013	MLB-321611-0500P-N2 500OHM
L1002	6200J000013	MLB-321611-0500P-N2 500OHM
L1004	6200J000013	MLB-321611-0500P-N2 500OHM
L1005	6200J000013	MLB-321611-0500P-N2 500OHM
L1006	6200J000013	MLB-321611-0500P-N2 500OHM
L1008	6200J000013	MLB-321611-0500P-N2 500OHM
L1011	6200J000013	MLB-321611-0500P-N2 500OHM
L1012	6200J000013	MLB-321611-0500P-N2 500OHM
L1013	6200J000013	MLB-321611-0500P-N2 500OHM
L1014	6200J000013	MLB-321611-0500P-N2 500OHM
L1015	6200J000013	MLB-321611-0500P-N2 500OHM
L1016	6200J000013	MLB-321611-0500P-N2 500OHM
L1017	6200J000013	MLB-321611-0500P-N2 500OHM
L1018	6200J000013	MLB-321611-0500P-N2 500OHM
L1019	6200J000013	MLB-321611-0500P-N2 500OHM
L1020	6200J000013	MLB-321611-0500P-N2 500OHM
L1021	6200J000013	MLB-321611-0500P-N2 500OHM
L1022	6200J000013	MLB-321611-0500P-N2 500OHM
L1102	6200J000013	MLB-321611-0500P-N2 500OHM
L1103	6200J000013	MLB-321611-0500P-N2 500OHM
L1104	6200J000013	MLB-321611-0500P-N2 500OHM
L1108	6200J000013	MLB-321611-0500P-N2 500OHM
L1109	6200J000013	MLB-321611-0500P-N2 500OHM
L1111	6200J000013	MLB-321611-0500P-N2 500OHM
L1112	6200J000013	MLB-321611-0500P-N2 500OHM
L1113	6200J000013	MLB-321611-0500P-N2 500OHM
L1114	6200J000013	MLB-321611-0500P-N2 500OHM
L1115	6200J000013	MLB-321611-0500P-N2 500OHM
L1116	6200J000013	MLB-321611-0500P-N2 500OHM
L115	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L116	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L117	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L118	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L119	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L1201	6200J000013	MLB-321611-0500P-N2 500OHM
L1202	6200J000013	MLB-321611-0500P-N2 500OHM
L1203	6200J000013	MLB-321611-0500P-N2 500OHM
L124	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L125	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L1819	6210TCE0013	HB-1M1608-121JT 120OHM
L1820	6210TCE0013	HB-1M1608-121JT 120OHM
L1821	6210TCE0013	HB-1M1608-121JT 120OHM
L1822	6210TCE0013	HB-1M1608-121JT 120OHM
L1823	6210TCE0013	HB-1M1608-121JT 120OHM
L1852	6210TCE0013	HB-1M1608-121JT 120OHM
L1853	6210TCE0013	HB-1M1608-121JT 120OHM
L1854	6210TCE0013	HB-1M1608-121JT 120OHM
L1855	6210TCE0013	HB-1M1608-121JT 120OHM
L1856	6210TCE0013	HB-1M1608-121JT 120OHM
L1857	6210TCE0013	HB-1M1608-121JT 120OHM
L1858	6200J000013	MLB-321611-0500P-N2 500OHM
L1859	6200J000013	MLB-321611-0500P-N2 500OHM
L203	6200J000013	MLB-321611-0500P-N2 500OHM
L205	6200J000013	MLB-321611-0500P-N2 500OHM
L308	6200J000013	MLB-321611-0500P-N2 500OHM
L309	6200J000013	MLB-321611-0500P-N2 500OHM

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTION
L310	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L400	6200J000013	MLB-321611-0500P-N2 500OHM
L401	6200J000013	MLB-321611-0500P-N2 500OHM
L403	6200J000013	MLB-321611-0500P-N2 500OHM
L500	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L501	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L502	6200J000013	MLB-321611-0500P-N2 500OHM
L503	6200J000013	MLB-321611-0500P-N2 500OHM
L600	6200J000013	MLB-321611-0500P-N2 500OHM
L601	6200J000013	MLB-321611-0500P-N2 500OHM
L801	6200J000013	MLB-321611-0500P-N2 500OHM
L901	6200J000013	MLB-321611-0500P-N2 500OHM
L902	6200J000013	MLB-321611-0500P-N2 500OHM
L903	6200J000013	MLB-321611-0500P-N2 500OHM
T1300	6200JB8008S	SCR470R500 EMI - 47pF - SMD TP
X1200	6202TST001H	Crystal, SX-1 27MHZ 30PPM 27MHZ 30PPM
X400	156-A02M	Crystal, HC-49/U 18.432MHZ 30PPM
X800	6212AB2844A	Crystal, ABLS-19.6608MHZ-22-B-4Y-T
X300	166-E02F	Ceramic, CSBLA500KECZF09-B0 500KHZ

JACK

LOCA. NO	PART NO	DESCRIPTION
JK101	6612J10003X	RCA, PMJ6054-39 14.0MM 1RX3C
JK102	6612J10031A	RCA, PPJ209-02 14.0MM 1RX5C
JK103	6612J10031A	RCA, PPJ209-02 14.0MM 1RX5C
JK104	6612J10006M	RCA, PPJ150-09 14.0MM 2RX3C
JK106	6612F00024C	DIN, PSJ014-01 SOCKET 4P ANGLE
JK107	6612J10025A	Complex, KCN-BT-0-0055 4P PAL/RCA
JK1201	6612B00015B	DIN, DC1R019WDH SOCKET 21P
JK400	6612J10043A	RCA, RCA-1302A-54G YUQIU 15MM
JK501	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT TR 3.6MM
JK502	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT TR 3.6MM
JK601	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT TR 3.6MM

WAFER

LOCA. NO	PART NO	DESCRIPTION
CW1	366-036B	Conector,Wafer 53014-1210 12P 2.00MM
CW2	366-036B	Conector,Wafer 53014-1210 12P 2.00MM
P1	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P100	6602T20009J	Conector,Wafer SMAW200-10P 10P 2.00MM
P1000	6602T25008M	Conector,Wafer SMW250-13P 13P 2.50MM
P101	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P101	6602T20009C	Conector,Wafer SMAW200-04P 4P 2.00MM
P101	6602T20009L	Conector,Wafer SMAW200-12P 12P 2.00MM
P1100	6602T25008J	Conector,Wafer SMW250-10P - 0.40MM
P300	6602T20008L	Conector,Wafer SMW200-12P 12P 2.00MM
P400	6602T25008C	Conector,Wafer SMW250-04P 4P 2.50MM
P401	6602T25008B	Conector,Wafer SMW250-03P 3P 2.50MM
P800	6602T20008J	Conector,Wafer SMW200-10P 10P 2.00MM
P803	6602T12007D	Conector,Wafer GT121-31P-TD 31P 1.25MM

MISCELLANEOUS

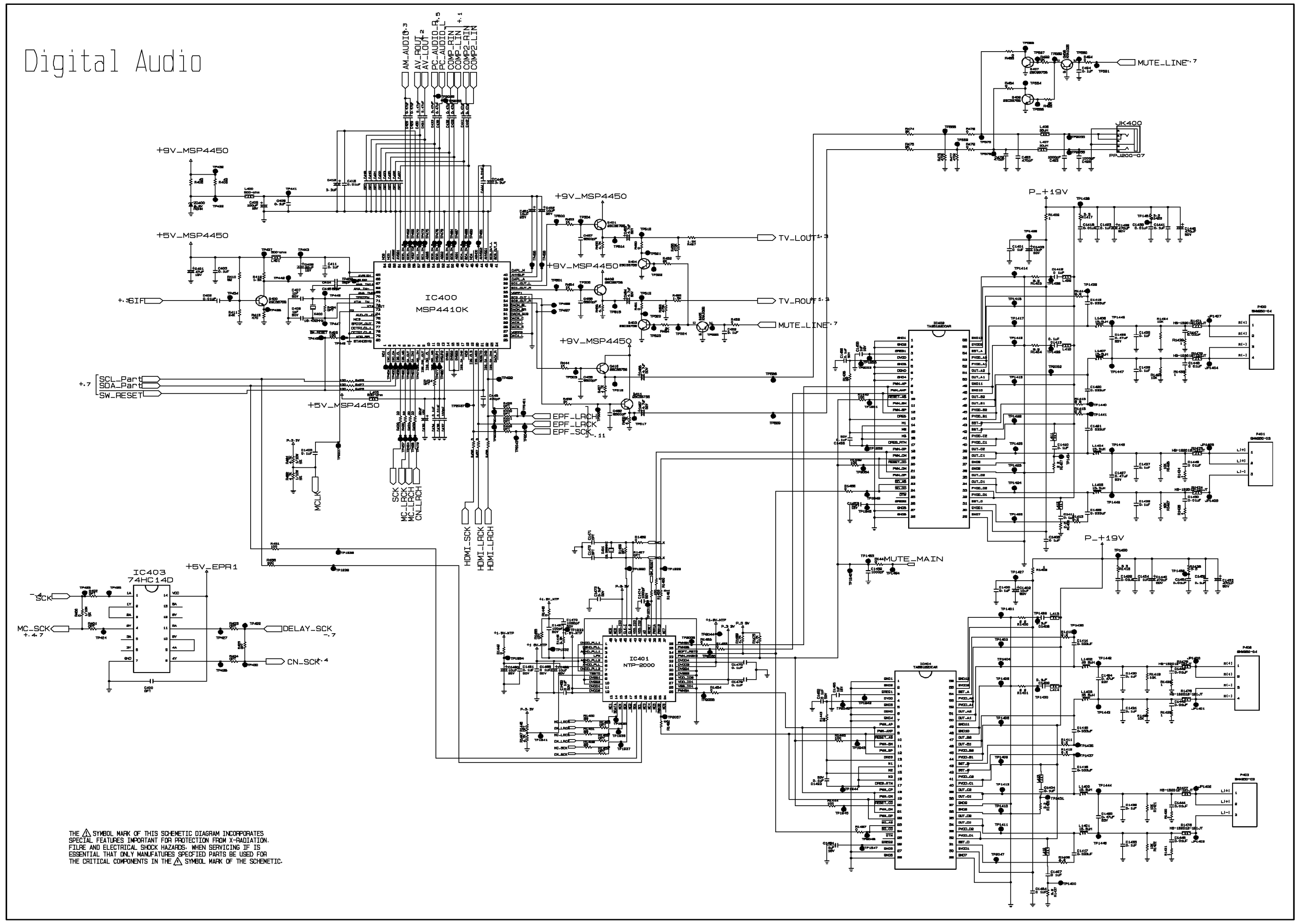
LOCA. NO	PART NO	DESCRIPTION
CA1	68509A0004E	Cable,Assembly RCA R/A TO RCA R/A UL 100MM
CA2	6850J00005C	Cable, Assembly GT121 HOUSING GT121 0.6M

LOCA. NO	PART NO	DESCRIPTION
IC900	692791145AD	S/W,Firmware V3.03 A9DA EUROPE FLASH
PA101	6712000011B	Receiver Module, KSM-2013TE2A 4.5TO5.5V
TU201	6700MF0017C	Tuner, Analog TAFV-W303P PAL - 75OHM

ACCESSORIES

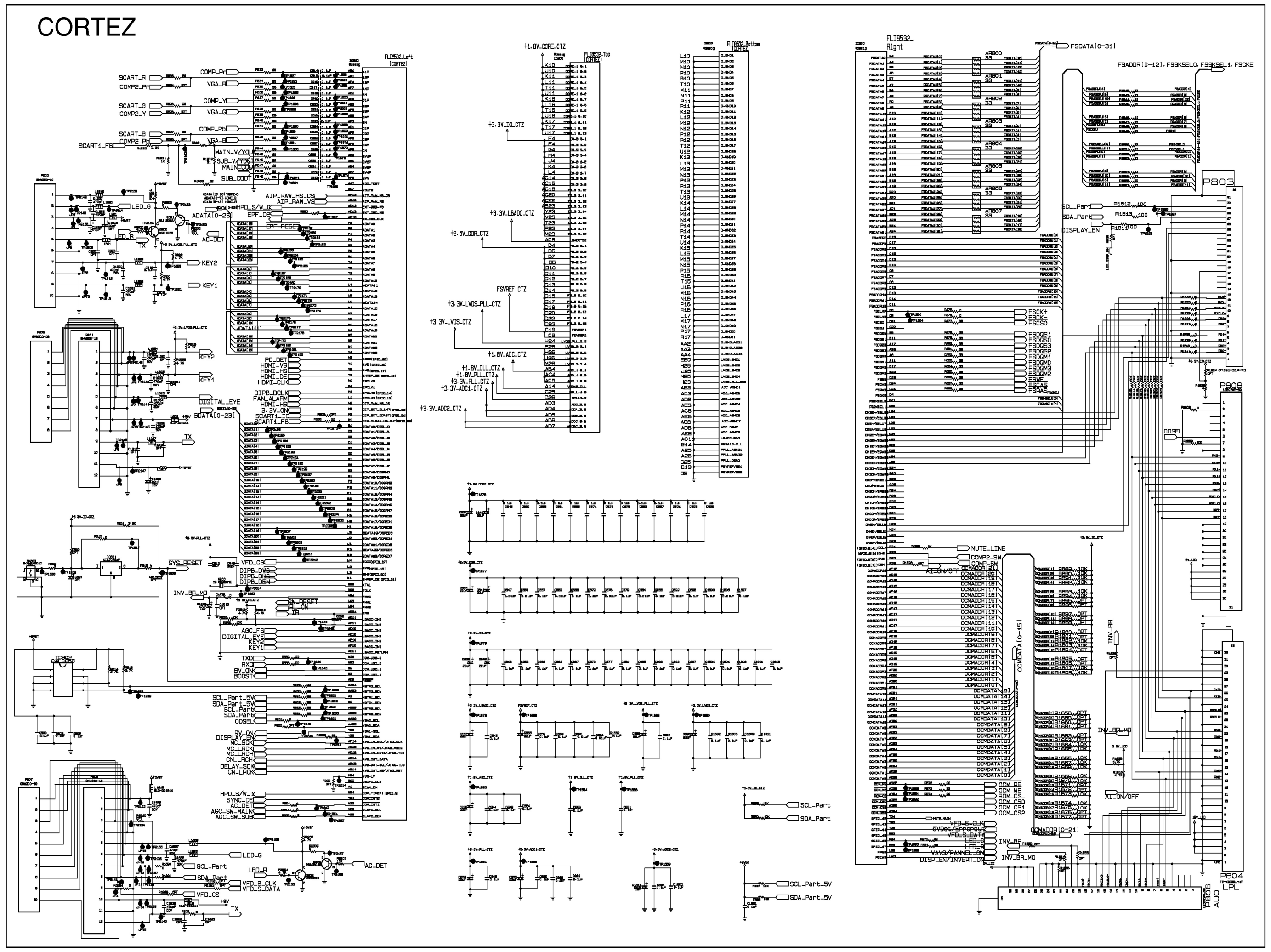
LOCA. NO	PART NO	DESCRIPTION
A1	38289U0025G	Manual, USER PP62C LGETH,ML,IN,VN EN
	38289U0025H	Manual, USER PP62C EN/AR/FR NAGHI
	38289U0025K	Manual, USER PP62C LG IN EN/IN 017B-TX
	38289U0025L	Manual, USER PP62C LG TH EN/TH(SKD)
	38289U0025N	Manual, USER PP62C LG HK EN 017B-TX
A2	6710900010A	Remote Controller, PP62A H3-H COMMON 62KEY
⚠ A3	64109EP003A	Power Cord, SP-023 IS-14 1.87M 205V LGEVN
	6410TEW010A	Power Cord, LP-34A LS-60 1.87M 250V LGEMT
	6410TBW004A	Power Cord, LP-61L...87M 250V LGEHK/ML/NAGHI
	6410VBH003H	Power Cord, 380LF-313-2800-G 2.8M 250V LGESL
	6410VEH003C	Power Cord, M2511A V1625 2.8M 250V LGEIN
	6410VUH005C	Power Cord, 301-313-2800-G-16 2.8M NAGHI
A4	4972V00178B	Supporter, WALL FOLDING STAND ONLY

Digital Audio

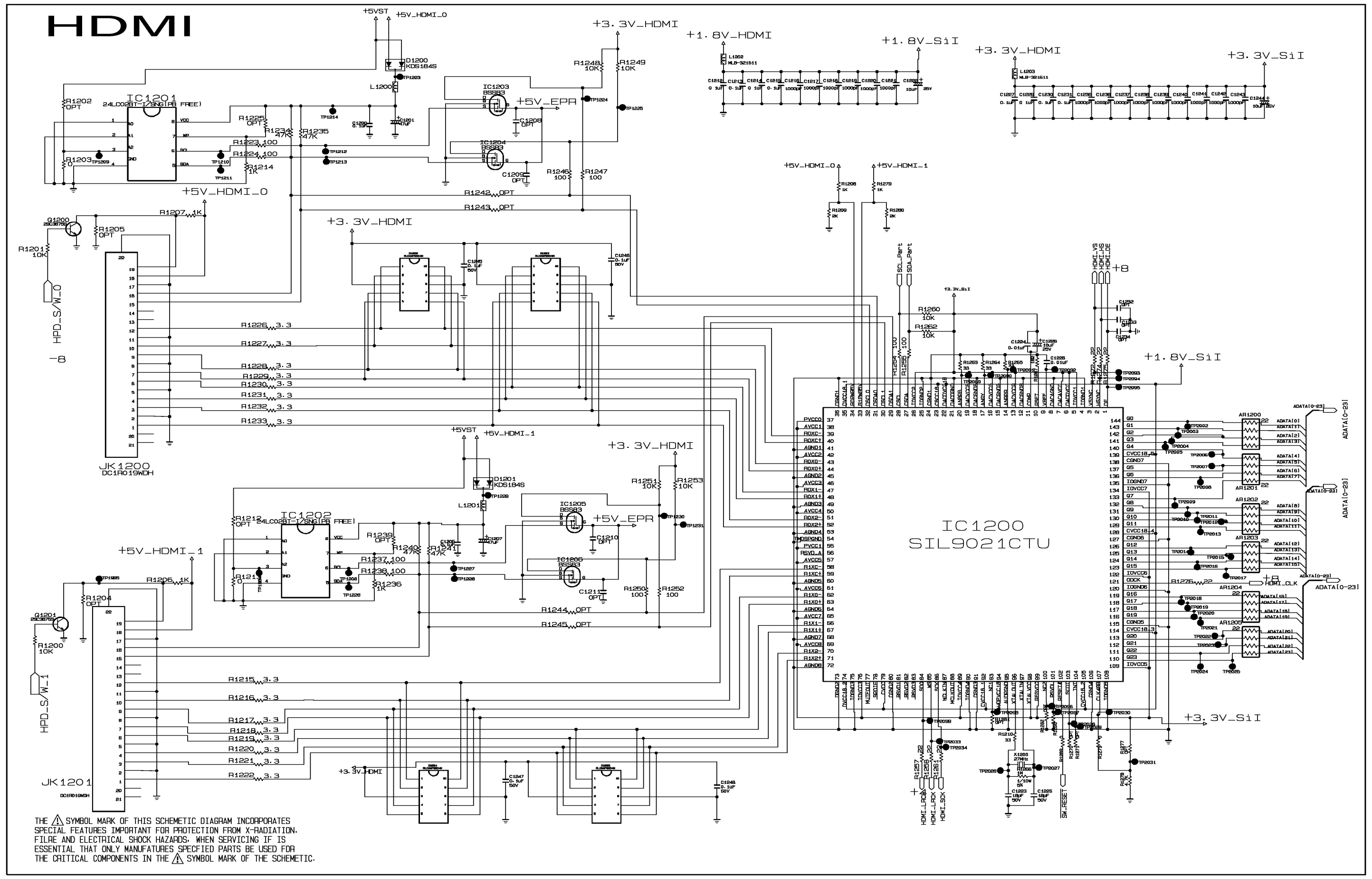

IC400
MSP4410K
IC401
NTP-2000
IC403
74HC14D
+9V_MSP4450
+5V_MSP4450
TV_LOUT
TV_ROUT
MUTE_LINE
SCL_Part
SDA_Part
SW_RESET
EPF_LRCK
EPF_LRCK
EPF_SCK
MUTE_MAIN
P_+19V
+5V_EPR1
DELAY_SCK
CN_SCK
MC_SCK
JK400

THE ⚠ SYMBOL MARK OF THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION. FILRE AND ELECTRICAL SHOCK HAZARDS. WHEN SERVICING IF IS ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMATIC.

CORTEZ


P803
P808
P804
MUTE_LINE
SCL_Part
SDA_Part
SCL_Part_5V
SDA_Part_5V
AC_DET
KEY1
KEY2
LED_G
LED_R
VFD_CS

HDMI


IC1200
SIL9021CTU
IC1201
IC1202
JK1200
JK1201
+5V_HDMI_0
+5V_HDMI_1
+3.3V_HDMI
+1.8V_HDMI
+1.8V_SiI
+3.3V_SiI
+5V_EPR
HPD_S/W_0
HPD_S/W_1

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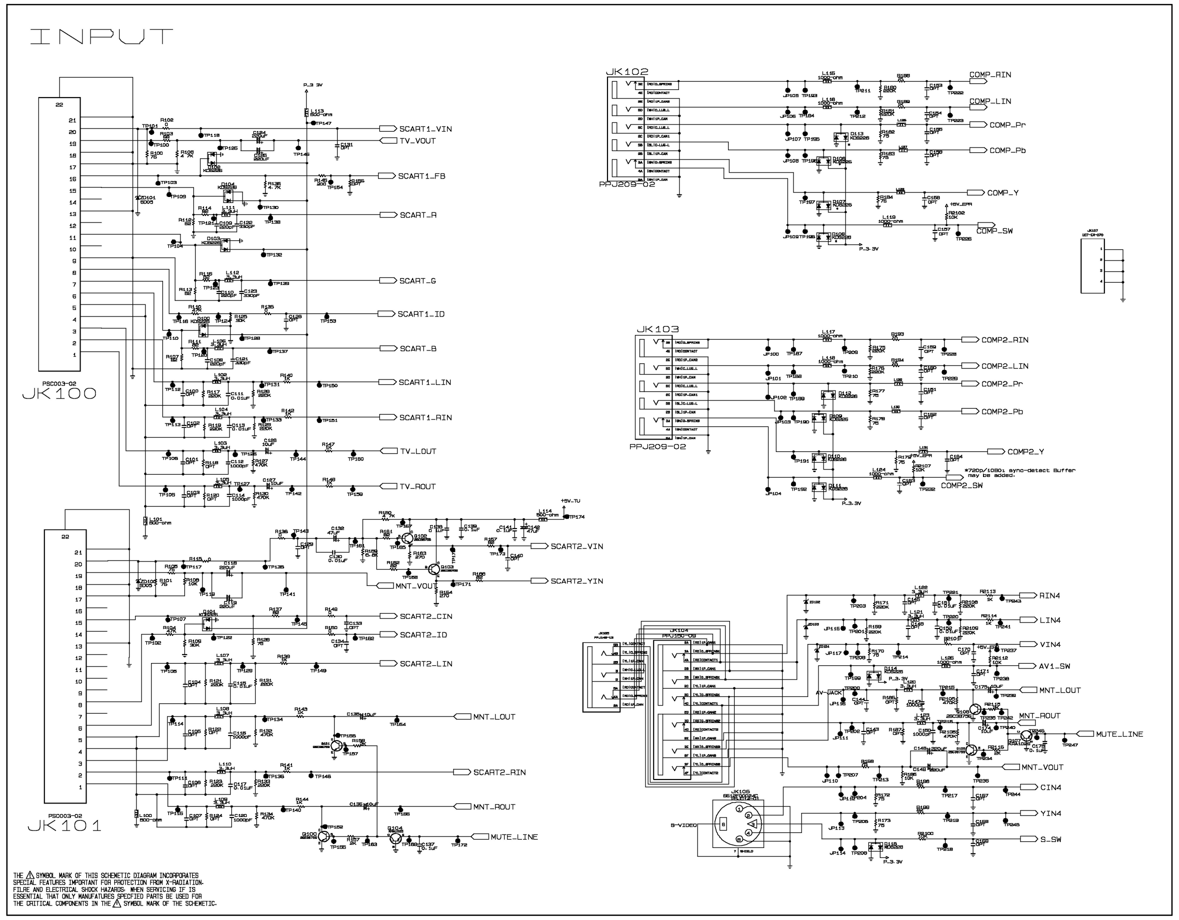
INPUT


JK100
JK101
JK102
JK103
SCART1_VIN
TV_VOUT
SCART1_FB
SCART_R
SCART_G
SCART1_ID
SCART_B
SCART1_LIN
SCART1_RIN
TV_LOUT
TV_ROUT
SCART2_VIN
SCART2_YIN
MNT_VOUT
SCART2_CIN
SCART2_ID
SCART2_LIN
MNT_LOUT
SCART2_RIN
MNT_ROUT
MUTE_LINE
COMP_RIN
COMP_LIN
COMP_Pr
COMP_Pb
COMP_Y
COMP_SW
COMP2_RIN
COMP2_LIN
COMP2_Pr
COMP2_Pb
COMP2_Y
COMP2_SW
RIN4
LIN4
VIN4
AV1_SW
CIN4
YIN4
S_SW

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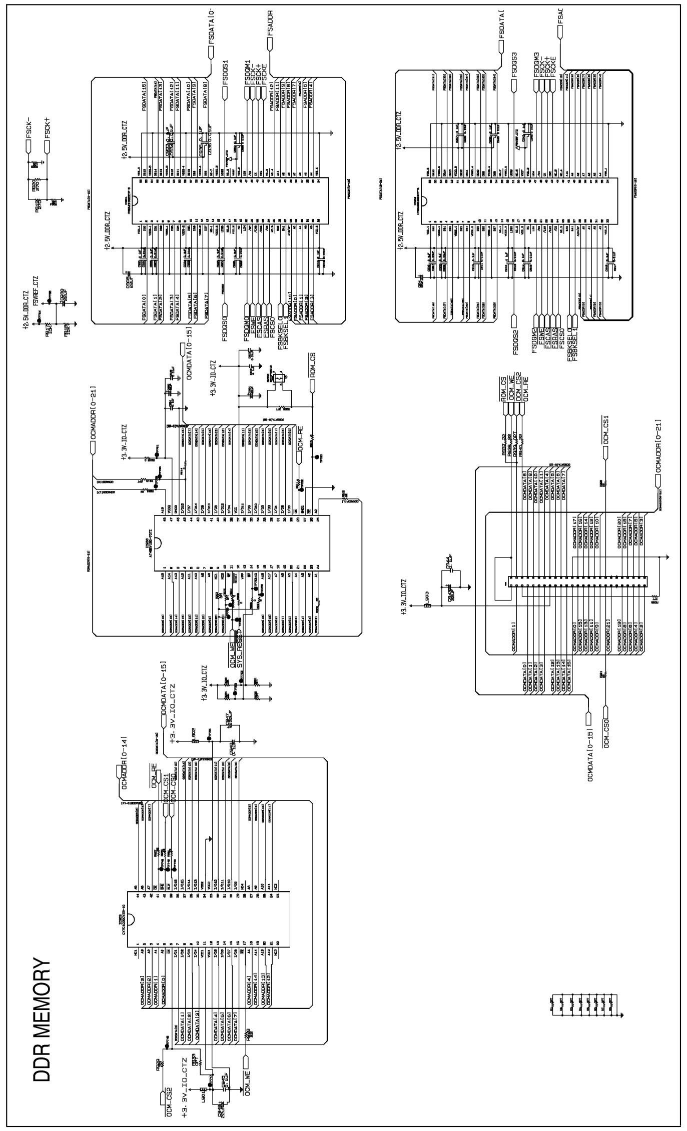
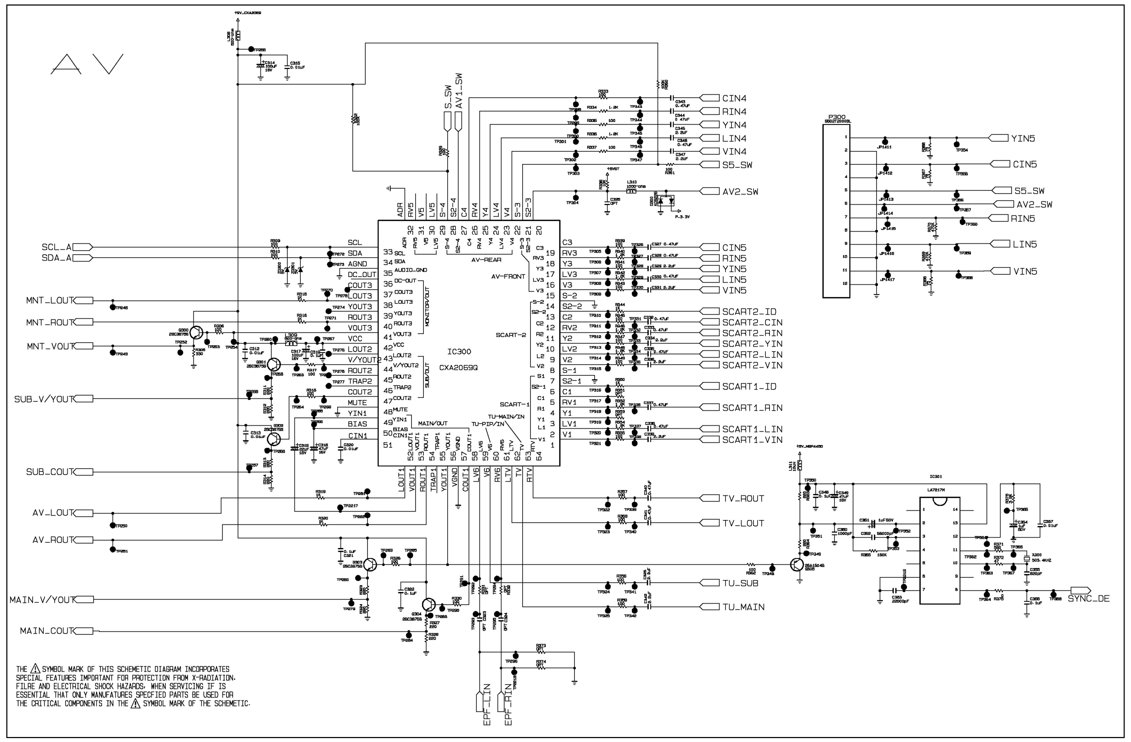
P/No : 38549D0016A-(1/2)
2006.03.22




AV
IC300
CXA2069Q
SCL_A
SDA_A
MNT_LOUT
MNT_ROUT
MNT_VOUT
SUB_V/YOUT
SUB_COUT
AV_LOUT
AV_ROUT
MAIN_V/YOUT
MAIN_COUT
CIN4
RIN4
YIN4
LIN4
VIN4
S5_SW
AV2_SW
CIN5
RIN5
YIN5
LIN5
VIN5
SCART2_ID
SCART2_CIN
SCART2_RIN
SCART2_YIN
SCART2_LIN
SCART2_VIN
SCART1_ID
SCART1_RIN
SCART1_LIN
SCART1_VIN
TV_ROUT
TV_LOUT
TU_SUB
TU_MAIN
SYNC_DE
P300
EPF_LIN
EPF_RIN
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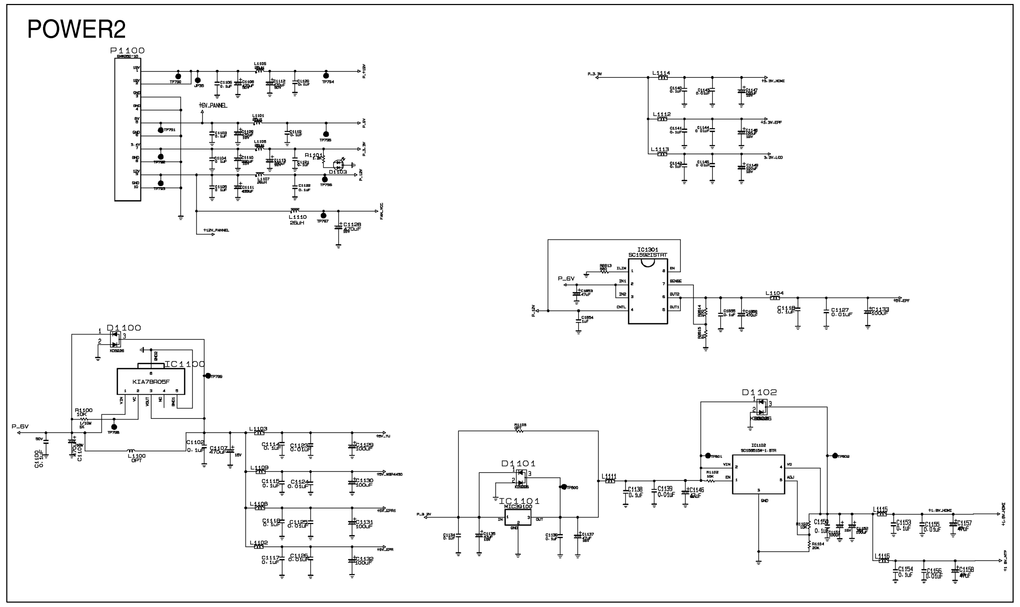
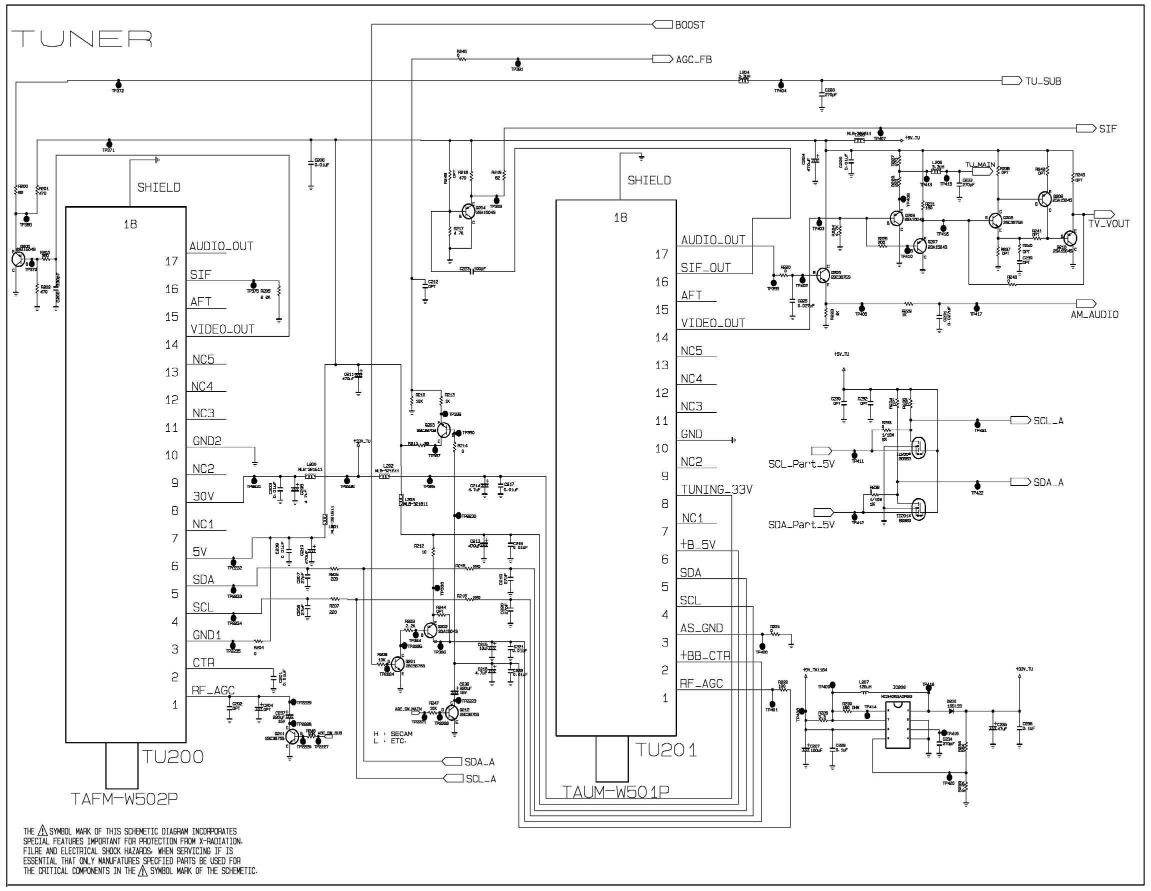

POWER2
P1100
D1100
IC1100
KIA78R05F
D1101
IC1101
D1102
IC1301


TUNER
BOOST
AGC_FB
TU_SUB
SIF
TV_VOUT
AM_AUDIO
SCL_A
SDA_A
SCL_Part_5V
SDA_Part_5V
SHIELD
18
17 AUDIO_OUT
16 SIF
15 AFT
14 VIDEO_OUT
13 NC5
12 NC4
11 NC3
10 GND2
9 NC2
8 30V
7 NC1
6 5V
5 SDA
4 SCL
3 GND1
2 CTR
1 RF_AGC
TU200
TAFM-W502P
AUDIO_OUT
SIF_OUT
AFT
VIDEO_OUT
NC5
NC4
NC3
GND
NC2
TUNING_33V
NC1
+B_5V
SDA
SCL
AS_GND
+BB_CTR
RF_AGC
TU201
TAUM-W501P
H : SECAM
L : ETC.
SDA_A
SCL_A
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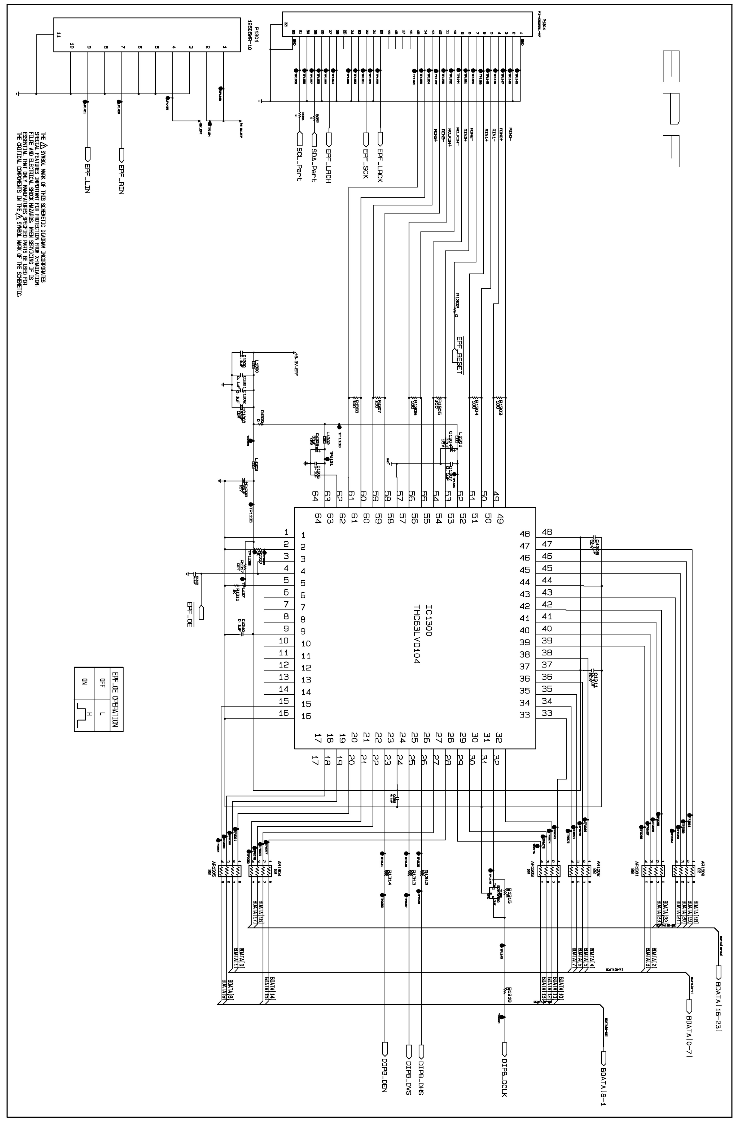
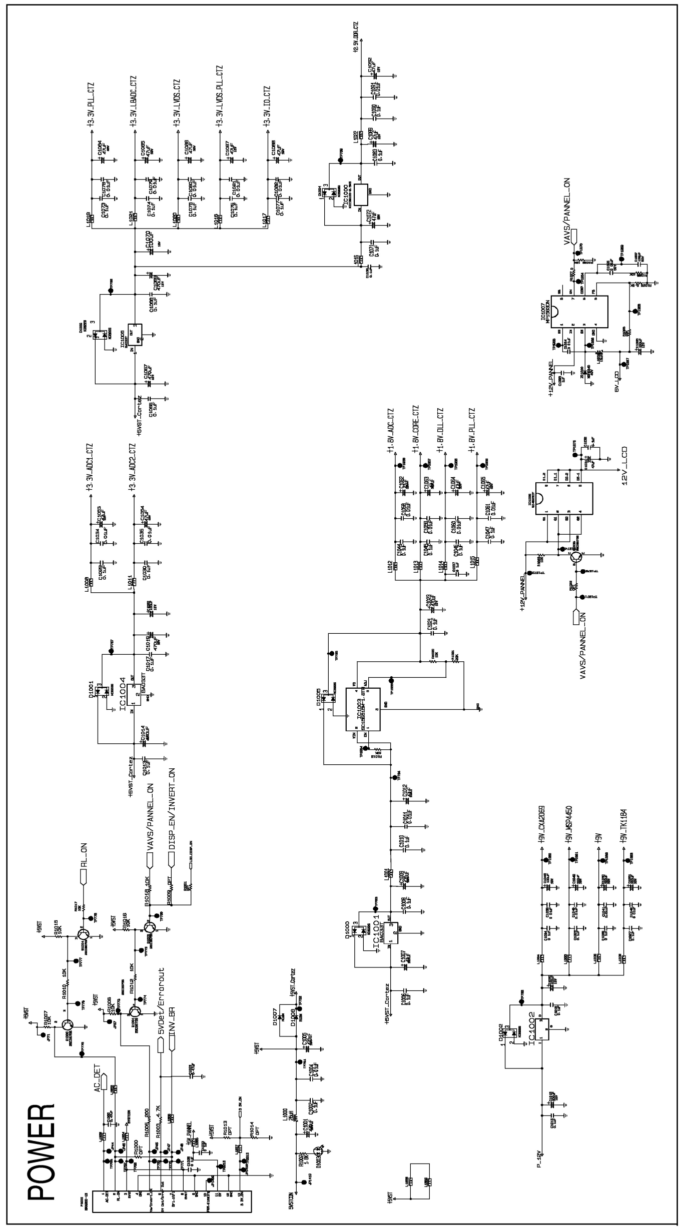

EPF
IC1300
EPF_OE


POWER
RL_ON
VAVS/PANNEL_ON
DISP_EN/INVERT_ON
AC_DET

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2006.03.22

SVC. SHEET : 38549D0016A - S1

LG Electronics Inc.

P/NO : 38289S0036A

Apr., 2006
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